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Volume 132 DECEMBER 6, 1937 Number 23

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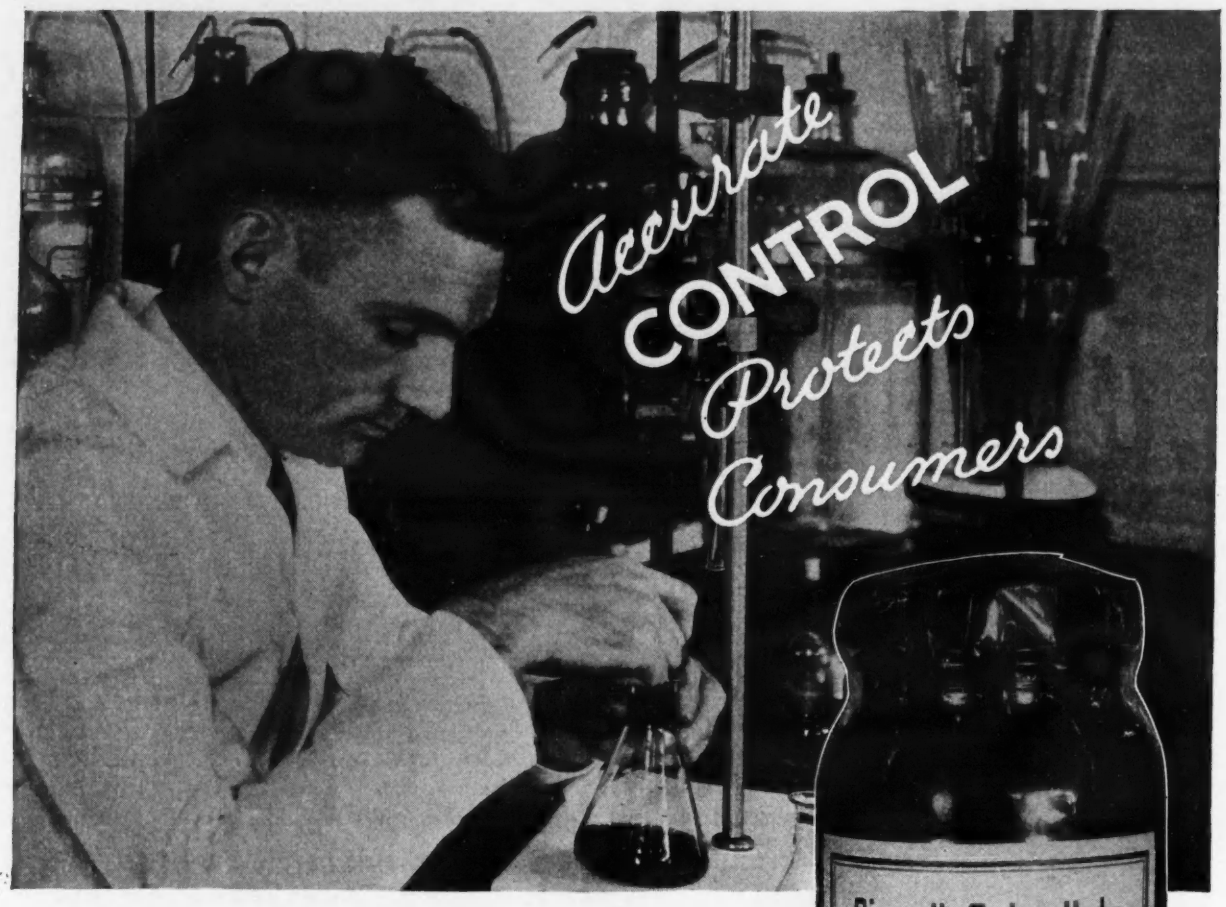

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Dangerous Drugs Ban Sponsored by Copeland

Senate Bill Would Require U. S. Sanction of Medicines of Doubtful Safety

WASHINGTON, Dec. 1, 1937.

A bill to prohibit the distribution of new drugs without the approval of the Secretary of Agriculture was introduced in the senate today by Senator Royal S. Copeland of New York. It has the number S. 3073.

The bill is based on recommendations made by Secretary Wallace last week in submitting a report on deaths caused by the use of elixir of sulphanilamide. It is proposed as a new law to be entitled "to safeguard the public health," and is not specifically an amendment to the food and drugs act nor is it designed to be a part of Senator Copeland's bill (S. 5) to revise the food and drugs act, which passed the senate last year.

The bill would apply to any drug composed of any substance or combination of substances not generally recognized as safe for use as suggested on the label. The packer of such a drug would be required to submit full information to the Secretary of Agriculture, who would cause an investigation to be made by a board composed of government officials and representatives of scientific associations without financial interest in the manufacture of drugs. The secretary would then issue or refuse to issue a notice of finding that the drug is not unsafe for use.

To effectuate the purpose of the proposed law it is provided:—

(b) To enable the secretary to make a finding on any such drug the packer thereof shall submit to the secretary (1) full reports of investigations which have been made to show whether or not such drug is safe for use; (2) a full list of the articles used as components of such drug; (3) a full description of the methods used in, and the facilities and controls used for, the manufacture, processing, and packing of such drug; (4) a full statement of the composition of such drug; (5) such samples of such drug and of the articles used as components thereof as the secretary may require; and (6) specimens of all proposed labeling for such drug.

The board of advisers for the Secretary of Agriculture would be composed of representatives of the Public Health Service of the United States Treasury Department, the American Institute of Homeopathy, the American Medical Association, the United States Pharmacopeial Convention, the American Pharmaceutical Association, and the Food and Drug Administration.

Patman and Colmer Sales Bills Argued

WASHINGTON, Dec. 2, 1937.

Hearings were held this week before a subcommittee of the house committee on interstate and foreign commerce on two bills affecting retail trade.

One bill (H.R. 4214), by Representative William M. Colmer of Mississippi, would permit State sales taxes to be applied to merchandise sold in a State through interstate commerce. The other (H.R. 4722), by Representative Wright Patman of Texas, would prohibit a manufacturer from engaging in retailing in interstate commerce. A third retailing bill (H.R. 4268) scheduled for hearing at the same time was withdrawn. It was introduced by Representative Bert Lord of New York and would permit States to regulate itinerant merchants operating in interstate commerce.

Criticisms of both bills were expressed in a letter sent by Alexander V. Dye, director of the Bureau of Foreign and Domestic Commerce of the Department of Commerce. The object of the Colmer bill, he wrote, is worthy, but it would bring enforcement diffi-

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Levy Out as N.A.R.D. Counsel

Executive Committee States Association's Fair Trade Policies—Swain, Kelly Quit as Advisers

Herbert Levy is no longer general counsel to the National Association of Retail Druggists, as a result of disagreement on his part with certain policies of the association, particularly with respect to its participation in fair trade law activities. Differences of opinion in this respect have for sometime prevailed among those responsible for the association's fair trade program.

Dr. Robert L. Swain, Baltimore, chairman of the association's committee on State and national fair trade legislation for the past two years, and Dr. E. F. Kelly, secretary of the American Pharmaceutical Association, have withdrawn from the N.A.R.D. National Advisory Fair Trade Committee.

Mr. Levy did not attend the recent meeting of the N.A.R.D. executive committee in Chicago. Neither he nor Dr. Swain nor Dr. Kelly was present when the executive committee met with the National Advisory Fair Trade Committee. When asked by a representative of the REPORTER why he had not been at the Chicago meeting, Mr. Levy said that his services as general counsel to the association had terminated October 31.

Successors Not Announced

Dr. Swain told the REPORTER that he had written Thomas Smith, N.A.R.D. president, November 4 that he was unable to accept membership on the advisory committee because of the pressure of other duties, but made it clear that his inability to serve on the N.A.R.D. committee should not be construed as evidence of any lack of interest in the fair trade movement itself; and Dr. Kelly gave the pressure of other duties as the reason for his inability to serve on the advisory committee.

A telegram to John W. Dargavel, N.A.R.D. secretary, asking who would replace Dr. Swain and Dr. Kelly on the committee and Mr. Levy as general counsel, elicited no reply, and two days later, when the REPORTER sought to reach Mr. Dargavel by telephone for a statement, it was informed that he had left for California for a week or ten days and was, therefore, unavailable.

Dr. Kelly, Dr. Swain, and Mr. Levy have been in the foreground of the N.A.R.D. fair trade program for the past two years. Dr. Kelly's connection with the movement was a natural development of his work as secretary of the National Retail Drug Code Authority during the NRA days, and he interested Dr. Swain in the national program. Through Dr. Swain there was developed the new approach to the matter of federal legislation through the passage of state fair trade laws and then asking Congress to pass merely an enabling act to make the State laws more effective. This progam led to the enactment of the Tydings-Miller bill last August.

Formulation of Program

August 30 the National Association of Retail Druggists called a conference in Chicago of representatives of those States in which fair trade laws had been enacted, to discuss ways and means of procedure under the Tydings-Miller act. A twelve-point program calling for the creation of a national fair trade board was adopted at this meeting after two days of discussion. The board was set up with Dr. Swain as managing director, but when the program was discussed with representatives of the Federal Trade Commission

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F.T.C. Complaint Accuses Inoculant Manufacturers

The Federal Trade Commission has issued complaints, alleging violation of section 2 of the Clayton Act, as amended by the Robinson-Patman act, against four firms manufacturing and distributing nitrogen-fixing bacteria, a commodity commonly known as a commercial inoculant and useful in promoting the growth of leguminous plants and crops.

The companies are the Agricultural Laboratories, Inc., Columbus, O.; the Hansen Inoculator Company, Urbana, Ill.; Albert L. and Lucille D. Whiting, trading as the Urbana Laboratories, Urbana, Ill., and the Nitragin Company, Milwaukee.

The complaints allege that the respondents are discriminating in price unlawfully by selling bacteria to some purchasers at prices lower than the prices at which they sell bacteria of like grade and quality to other purchasers. The complaints further charge that the respondents allow some purchasers larger discounts from the price at which they sell bacteria than the discounts which they grant to other purchasers of bacteria of like grade and quality.

The effect of the discriminations in price, according to the complaints, may be to injure, prevent or destroy competition in the use, sale or distribution of bacteria among the favored purchasers and those who are denied the lower prices and discounts; among the customers of the favored purchasers and the customers of those who do not receive the benefit of the price discrimination, and among the respondents and other individuals and firms similarly competitively engaged in the sale and distribution of commercial inoculants.

Sulphanilamide Sales Limited in N.Y. City

Sale of sulphanilamide in this city has been restricted to prescriptions of physicians, dentists, or veterinarians by the addition of this drug to the list of those proscribed in section 126a of the sanitary code.

This revision was made November 9 by the Board of Health of the Department of Health of the City of New York, and the revised form of section 126a was issued November 30 by the health commissioner, Dr. John L. Rice.

The section has been revised in several other respects from the form in which it became effective with respect to certain fat-reducing drugs, emmenagogs, analgesics, and other drugs, July 1, 1935. Fundamentally it has been made applicable to "harmful drugs," instead of "potentially harmful drugs" as heretofore. Permissible dosage limits are set up for amidopyrine, atropine, prussic acid, and tartar emetic.

The new section 126a reads as follows:—

Section 126a. Sale of harmful drugs regulated.

1. No harmful drug as defined herein shall be sold at retail or dispensed to any person in the City of New York, except upon the written prescription of a duly licensed physician, dentist, or veterinarian, and no pharmacist shall dispense any such drug without affixing to the container in which the drug is sold or dispensed, a label bearing the name and address of the pharmacist, the date compounded, and the consecutive number of the prescription under which it is recorded in his prescription files, together with the name of the physician, dentist or veterinarian prescribing it, and the directions for the use of the drug by the patient as given

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N.A.R.D. Fair Trade Activities Probed

F.T.C. Chairman Informs Celler That Investigation Latter Asked Is Under Way

WASHINGTON, Dec. 2, 1937.

Activities of the National Association of Retail Druggists in relation to the application of fair trade laws to the maintenance of minimum resale prices are under investigation by the Federal Trade Commission, according to information written to Representative Emanuel Celler, of New York, by W. A. Ayres, chairman of the commission, and made public by the former today.

Representative Celler asked that the commission investigate certain activities of the National Association of Retail Druggists, which, he alleged, appeared to indicate that "illegal plans" had been set up by the association in an endeavor to effectuate the purpose of fair trade laws. In his reply, Mr. Ayres, expressing interest in the points addressed by Mr. Celler and inviting the latter to furnish further evidence, said:—

The commission has been giving consideration to various situations as they are brought to its attention, involving resale price maintenance undertakings in their relation to the various State fair trade acts and the Miller-Tydings law.

With respect to such activities of the National Association of Retail Druggists and its members, as are set forth in your letter, you, no doubt, will be interested to know that the same are already under investigation by the commission.

A second request that the Federal Trade Commission investigate charges that the National Association of Retail Druggists is engaging in illegal boycotts in attempting to secure adherence to the Tydings-Miller resale price-maintenance act was made by Representative Celler November 29 in a letter to Mr. Ayres.

A similar request was made to the commission by Mr. Celler last August. In his latest letter Representative Celler suggested that recent warnings of N.A.R.D. officials against illegal activities by local druggist groups might be simply an attempt to cover up actual efforts to coerce manufacturers to fix retail prices as permitted by the law. He mentioned particularly a situation in California which he described as a "method of disguised boycotting by the old 'white-list' racket."

The letter also asked investigation of hints that local retail druggists' organi-

(Continued on page 36)

Tax Revision Plans Told to Mine Group

WASHINGTON, Dec. 1, 1937.

Declaring that it would be a physical impossibility to pass a tax bill during the special session, Representative Wesley E. Disney of Oklahoma told the members of the American Mining Congress at its annual luncheon in Washington today that no one who knows the situation would argue for a tax bill to be passed during the special session. There are a multitude of reasons why it is physically imporsible to bring out a well-rounded tax bill in the special session, he said, and he felt that it would take at least a month to draw the bill after public hearings had been held.

In discussing the pending tax bill, Mr. Disney talked about the proposals for revision of the undistributed profits tax, capital gains tax, and the necessity for leaving untouched the depletion allowance. He advocated, in strong terms, leaving the depletion allowance as it stands in existing tax law, saying:—

To change depletion allowances now would be an admission by the members of Congress and the ways and means committee that the previous long hearings on

(Continued on page 36)

Closing Market Developments

London Closing Cable

LONDON, Dec. 3, 1937.

Quotations on carnauba wax were 170s per hundredweight. Stocks of shellac on December 1 totaled 133,617 packages of which quantity 132,120 packages were orange gum. This was a drop of 3,057 packages in the total, and a decrease of 2,642 packages in the stock of orange gum, making comparison with stocks as of November 1.

Tin Salts Higher

Prices for tin salts were higher at the close of the week, reflecting an increase in price for Straits tin. Straits tin was quoted at 44c. to 44⅛c. per pound; anhydrous tetrachloride of tin, 22¼c. per pound; tin crystals, 35c. to 35½c. per pound; and soda stannate, 29½c. to 33½c. per pound.

Saffron Flowers Advanced

Quotations on Spanish saffron flowers were advanced to $22 to $23 per pound late last week. Goods for arrival in the reasonably nearby future were quoted at $21.

Kerosene Up in West

Standard Oil Company of Indiana will advance subnormal prices on kerosene, tractor fuel and furnace oil ½c. per gallon December 6. Thus, normal prices are restored in all instances where the price is subnormal by only ½c. per gallon or less, and raised in instances where they are more than ½c. below normal. No change is being made in the Chicago and Detroit metropolitan areas.

Chemical Developments On U.S. Radio Program

Highlights of the American chemical industry will be featured in the Department of Commerce's regular weekly radio program scheduled for December 7, during which the discoveries of Dr. Leo Baekeland in connection with synthetic resins will be dramatized, according to C. C. Concannon, chief of the Chemical Division of the Bureau of Foreign and Domestic Commerce. Following the episode, Dr. Baekeland, who is generally credited with being the father of the world's vast synthetic resin industry, will himself address a few remarks to the coast-to-coast audience.

This program, dramatizing chemical and related industries, is the eighth of a new series of "Stories of American Industry," the first of which began early in the current year. The "Chemicals in Industry" narrative will be given by Harry R. Daniel of the Department of Commerce staff, and dramatic episodes interspersed in his talk will be under the supervision of the United States Office of Education. Musical numbers on the program will be furnished by the United States Marine Band.

The Business Advisory Council of the Department of Commerce, a group of representative business men who, in an advisory capacity, devote much time to studies of current government problems as they relate to industry, is cooperating closely with the department in its new series of programs.

The chemical program will be on the air from 4:30 to 5:00 p.m. E. S. T., December 7. It will be available to all Columbia network stations and also will be sent short wave to foreign countries over stations W2XE, New York, and W3XAU, Philadelphia.

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Fishmeal:—Norway has made the exportation of fishmeal subject to permit requirements.

Gasoline and Refined Oils:—French Equatorial Africa has established a circulation tax of 20 francs per 100 kilos net on gasoline; 6 francs per 100 kilos net on refined and super-refined petroleum, and 5 francs per 100 kilos net on heavy oil and gas oil.

Glue:—Greece now requires special permits from the Ministry of National Economy for the exportation from Greece of skin glue, bone glue, fish glue, other vegetable or animal glues, to countries having clearing agreements with Greece or to countries subject to barter requirements.

Chemical Price Index Recedes

Prices were reduced on a number of heavy and fine chemicals last week, particularly in the groups of lead and zinc pigments and pharmaceuticals. The price of calcium acetate also was reduced, but no change was made in list quotations on acetic acid.

Business continued slow as a whole, and the good spots were not specially encouraging either in number or appearance. The approach of the yearend was already reflected by more caution in buying, and the interest in 1938 needs and costs was no more than it had been.

Prices were advanced on disodium and trisodium phosphates and pale gum rosins. Prices were reduced on calcium acetate, white lead, blue lead, zinc, leaded zinc oxides, saponification and soaplye glycerins, dark and medium gum rosins, rosin oil, gum turpentine, pitch, arecoline hydrobromide, atropine sulphate, pilocarpine hydrochloride, sparteine sulphate, menthol, ethyl iodide, cacodylate of soda, Congo copals, corn syrup, sugar coloring, domestic and imported dried blood, Western and imported nitrogenous fertilizer stuff, domestic tankage, and domestic and imported bones.

Schedules for 1938 made no change in the price of domestic chlorate of soda, but showed a reduction on dinitrochlorobenzene. Schedules on cresylic acid, creosote oil, and tar acid oils were still awaited.

The REPORTER's composite index number of prices for heavy and light chemicals receded 4 points, to 127.0 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 89.9, its lowest point in five months, against 89.0 at this time last year.

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North Leaves Tariff Post to Join Little

WASHINGTON, Nov. 30, 1937.

Dexter North, chief of the chemical division of the United States Tariff Commission, has resigned to become associated with Arthur D. Little, Inc., research chemist and engineers, Cambridge, Mass., as its Washington technical representative. His work with the commission will be carried on by Rollin H. Cragg, who has been acting chief of

© Bachrach

Dexter North

the chemical division since October 1 and a member of the division staff since 1923.

In his new work Mr. North will continue to obtain and assemble technical, economic, and statistical information concerning the chemical and other process industries from the many active sources in Washington. Through his present association, however, similar investigations will be made directly for industrialists, as a part of the technical investigations made by the Little laboratories for their clients.

The appointment of Mr. North to this post results from the steadily increasing extent to which the Little laboratories have found it necessary to draw upon the technical resources of the many government bureaus, scientific societies, and trade associations whose activities are centered in Washington, as a part of technical investigations for American industrialists and investment bankers. Mr. North's services are also to be available directly to a limited number of clients.

During Mr. North's long service with the United States Tariff Commission he became thoroughly familiar with these resources as a part of his work in directing the gathering of information and the compilation of reports on the competitive aspects of the chemical and related industries, including such phases as raw materials, interprocess and interproduct

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D.C. Business Tax Applied to Agents

WASHINGTON, Dec. 1, 1937.

The business privilege tax of the District of Columbia clearly applies to nonresident firms soliciting orders in the District, it is contended in a legal opinion by Corporation Counsel Ellwood Seal rendered to Senator William H. King of Utah, chairman of the senate district committee.

The ruling was asked by Chairman King to clear up misunderstandings and complaints. The tax was enacted by Congress last August and became effective November 16. It requires all concerns engaging in commercial enterprises in the District after that date to secure licenses and pay a gross receipt tax provided their business in the District of Columbia totaled $2,000 or more last year.

In his opinion Mr. Seal argued that it was the intention of Congress to apply the tax to out-of-town concerns doing business in the District, as well as to local residents. Under this ruling the tax applies to the solicitation of orders by an agent or to sales delivered in the District by facilities of the seller, but it does not apply to mail or telegraph orders which are not c.o.d. and which are delivered by common carrier, nor does it apply to sales to the Federal government not solicited by a resident agent.

Antitrust Law Needs Stressed by Cummings

Economic Results of Monopolies Adduced as Argument for Effective Revision

Thorough overhauling of the Federal antitrust acts is imperatively necessary, from the standpoint of business, as well as that of government and the public, it was declared by Homer S. Cummings, Attorney-General of the United States, in an address November 29 at a luncheon of the Associated Grocery Manufacturers of America. The Attorney-General supported his declaration of such a necessity with statistical data on the concentration of wealth and economic control, and he cited identical bids received from many different manufacturers in governmental contracting as further evidence of the inadequacy of the acts to prevent monopoly and provide free competition.

Mr. Cummings argued that economic results, more than lack of proof of sinister intent, were eloquent of the existence of a serious problem of monopoly. Declaring that the American people would not permanently tolerate monopoly, he pointed out that the futility of efforts remedially to apply existing laws might be expected to lead to drastic and very undesirable methods of industrial control.

The antitrust laws in Mr. Cummings's opinion need further clarity of definition, a distinction between concerted action to prevent economic waste and collusion to maintain abnormally high prices. He said that effective application of the laws called for more adequate funds. He felt that the authorization of advisory functioning on the part of the Federal Trade Commission was desirable.

Recognition of the value of supporting public and business opinion, Mr. Cummings said, should attend efforts for revision of the antitrust laws, and he stated his opinion in this respect thus:—

In my judgment, there should not only be serious study, but extensive hearings, so that every interested element of our national life may be represented and so that it may not be contended that any legitimate considerations have been ignored. Adequate consideration of the matter must of necessity cover a wide range of inquiry which should reach such subjects as mergers, holding companies, financial control, base-point bidding, price leaders, identical bids, patents and taxation. It should run the whole gamut of our national life.

Charles Wesley Dunn, counsel of the grocery manufacturers' organization, discussed Mr. Cummings's address at a later session of the group. He was not in full agreement with the Attorney-General's strictures, but, in a resolution approved by the association, he expressed unqualified opposition to monopolistic practices and unfair competition and full approval of sound corrective laws, stating, however, the following points as desirable in revision of the laws:—

A sanctioning declaration of validation of "reasonable co-operative action by business which is beneficial to the public"; a definition of the terms, "restraint of trade" and "monopoly," or authorized administrative interpretation of those terms; revision of the penalty clauses of the antitrust laws limiting criminal prosecution or triple damage suit to a case of violation of an administrative order; and possibly the creation of an expert business court (subject only to supreme court review) to apply judicially the antitrust laws.

Wage-Hour Control Up in House Dec.13

WASHINGTON, Dec. 2, 1937.

The Black-Connery wage and hour control bill will be called up in the house December 13 under a petition to discharge the rules committee from further consideration of this measure. The necessary 218 signatures, a majority of the membership of the house, were secured for the petition today.

The bill, which would set up a labor standards board to fix minimum wages and maximum working hours for all inter-state industries, was passed by the senate last Spring and reported by the house committee on labor, but the rules committee has refused to grant a special rule for its consideration and without that it would be months before it could be reached in regular order.

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Ma Huang Imports Halted By War

Imports into the United States of ma huang, a Chinese grass also known as ephedra vulgaris, the raw material from which ephedrin is manufactured, has been seriously disturbed by recent developments in China, according to C. C. Concannon, Chief of the Chemical Division of the Bureau of Foreign and Domestic Commerce. Mr. Concannon stated that while ma huang grows wild in many parts of the world, China has been the only commercial source of importance in recent years for this product, all of which is harvested in a small area of Suiyuan Province to the north of Tientsin.

The last shipment of ma huang from China to the United States was made in July and consisted of 90,000 pounds, according to cable advices from the American consulate in Tientsin. The leading ma huang exporters of Tientsin withdrew quotations on this product; stocks were said to be completely exhausted, and they had received no information from their agents in the interior regarding the crop. Some offerings for April shipment have more recently been made, and small supplies have come to this country via Japan.

Ma huang is usually shipped from Suiyuan Province over the Peiping-Suiyuan Railway, on which freight service has been suspended, Tientsin firms stating that they have received no communication from their agents along the railway and presume that they left when hostilities started in that area. As hostilities have continued into the harvesting season, Tientsin firms state that it is unlikely that any ma huang has been gathered this season and that if harvesting is delayed too long the crop will be of no value for medicinal purposes.

So far as can be determined, Manchuria and Japan are not sources of supply for this material, but several varieties of ma huang are found in Kashmir, India, though the alkaloidal content of the Kashmir product is said to be too low to be of commercial value, so long as Chinese ma huang can be obtained. Karachi is also stated to be a source of this medicinal raw material.

F.T.C. Orders Restrict Wall Board Companies

The Masonite Corporation, Chicago, and Laurel, Miss.; the Standard Wall Covering Company, Philadelphia, and the Marsh Lumber Company, trading as the Marsh Wall Tile Company, Dover, O., manufacturers of wall board and a wall covering products, have been served by the Federal Trade Commission with orders requiring them to desist from certain misleading representations in the sale of their products.

The orders direct the respondents to cease using their respective trade names containing the word "tile," or the word "tile" itself to represent that their products are that material, unless in immediate conjunction with such words and in the same conspicuous type there appear other words designating the material of which the products are made, such as wood tile, glass tile, rubber tile, etc.

The Masonite Corporation's "Temprtile," according to findings, is compounded from wood chips and wood fibers and other substances and siccative materials, and are baked in an oven at a high temparture, pressed and tempered, so that the final product is a hard, durable sheeting or covering. The Standard company's "Stancotile," "Mono-Tile" and "Wall Tile" are made in the same way, according to findings, as are the Marsh company's "Marshtile" and "Marsh Wall Tile."

Many experts, testified and the commission found it to be a fact that the word "tile" when standing alone, means or connotes a baked clay or ceramic product, and that by use of the word "tile" alone a ceramic tile is meant. Use of the respondents' designations of their wood fiber products was found to have had a tendency to deceive buyers into believing that their various products were manufactured from baked clay, and to tend to divert trade from competitors who sold tile products actually manufactured from such clay.

The Standard and Marsh companies were also directed to cease using the word "marble" in certain trade names to represent that the products so designated were marble, when such was not a fact.

F.T.C. Outlaws Metal Window Price Policy

Finding that price practices in the metal window industry constituted unfair methods of competition in violation of section 5 of the Federal Trade Commission act, the commission has issued a cease and desist order against nineteen corporations manufacturing metal window products and against their trade organization, the Metal Window Institute.

The manufacturers, it was found by the commission, agreed through the institute to fix prices in a manner that deprived purchasers of the benefits of normal competition and created a monopoly.

The cease and desist order, which was issued with the consent of the respondents, prohibits the following practices:—

1. Filing with Metal Window Institute, or circulating in the industry, schedules showing the discounts which will be allowed from the gross or basic price listed in any price book in common use in the industry.

2. Establishing and maintaining minimum prices and uniform terms and conditions of sales, such as mandatory erection by the seller, time for delivery, and allowances for freight charges.

3. Declining to sell to purchasers for less than the established prices without first having notified competitors of the proposed price cut.

4. Submitting estimates on a project in a given geographical area to Metal Window Institute or any other agency designated as a bureau to clear estimates for the area involved, for the purpose of eliminating price competition in bidding on such project or for any purpose other than that of detecting errors in specifications or estimates; and disclosing to any such bureau the discounts or net prices to be quoted.

5. Attempting by any form of concerted action, including underbidding and underselling, to induce or require a competitor to adopt or maintain any schedule of discounts, net prices, or terms of sale adopted or favored by the respondent making such attempt.

6. Obtaining the withdrawal and cancellation of bids where prices stated in such bids are less than those established and maintained by the respondents.

7. Comparing net discounts, selling prices, or terms of sale to be quoted in bidding on any project, or engaging in any form of collusive bidding whether in connection with the checking of estimates or otherwise.

8. Conducting any investigation or joint discussion for the purpose of ascertaining and reporting to what extent a competitor has deviated from any schedule of discounts, net prices, or term of sale, or otherwise bringing pressure to bear upon competitors not to deviate from such prices. In connection with this prohibition, the order provides that nothing therein shall prevent the gathering, compilation and distribution to the trade of statistics, including net prices, terms of sale and other particulars of closed transactions, when not done for the purpose or with the effect of policing the activities prohibitted by the order.

Coal Price Minimums Are Set by N.B.C.C.

WASHINGTON, Dec. 1, 1937.

Minimum mine prices for bituminous coal were established today by the National Bituminous Coal Commission, to be effective December 16, for all regions East of the Mississippi and for the State of Iowa.

The prices for industrial and railroad fuel are somewhat higher than those recently prevailing, and prices for domestic grades are somewhat lower. Separate schedules of prices for various grades and sizes were published for each mining district. The area covered produces about 80 percent of the nation's bituminous coal. Other price orders will be issued later to cover Western districts.

Industrial coal prices were raised on the basis of a cost study made by the commission. At the same time, the commission issued marketing regulations covering trade practices and distribution methods. A conference of all persons interested in coal prices has been called by John Carson, consumers' counsel to the commission, to meet in Washington December 9 to discuss the effects of the new price schedules.

Housing Program Is Pushed in Congress

Bills Provide for Restoration of Title I, Extend Assurance For Financing

WASHINGTON, Dec. 2, 1937.

Early enactment of amendments to the Federal housing act to stimulate the use of private capital in home construction is probable, as hearings are advancing rapidly in both senate and house committees.

President Roosevelt sent to Congress a special housing message early in the week, and immediately his recommendations were incorporated in bills introduced by Senator Wagner and Representative Steagal, chairman of the banking committees of senate and house.

The bills would liberalize the housing act, administered by the Federal Housing Administration, in a number of respects, most important of which are:—(1) temporary revival of the now expired title I, under which FHA guaranteed bank loans for modernization and repair; (2) extension of FHA mortgage insurance to mortgages covering 90 percent of homes valued under $6,000; (3) reducing the combined interest, insurance, and service charges of banks on insured mortgages; (4) permitting insurance of blanket mortgages on large-scale small-house construction projects; and (5) permitting national mortgage associations to make direct loans for home construction in addition to dealing in insured mortgages.

Members of the headquarters personnel of the National Paint, Varnish and Lacquer Association are pleased with the reflection in the housing bills of the views of the industry in respect of participation in the housing movement. In a letter to President Roosevelt, November 23, Ernest T. Trigg, president of the association, urged the restoration of title I of the housing act and made the following recommendations with reference to title II:—

(1) That FHA insure mortages up to 90 percent of a fair appraisal of the value of the building and ground for the purpose of making it possible for families of small income, especially young men, to build or buy their own homes.

(2) That the cost of insurance be made at the rate of one-half of one percent on the amortized amount of the mortgage rather than the principal for the purpose of reducing the interest cost.

(3) That methods for the prompt establishment of national mortgage companies be included in the act to assure banks and other financial agencies of a place where FHA insured mortgages can be disposed of should it become necessary.

Corporation Licensing By U.S. Is Proposed

WASHINGTON, Nov. 30, 1937.

A new bill to require Federal licenses of all corporations doing business in interstate commerce was introduced in the senate today by Senators William E. Borah, of Idaho, and Joseph C. O'Mahoney, of Wyoming.

The bill (S. 3072) is a consolidation of the licensing bills introduced individually by the two senators last year. Licenses would be issued by the Federal Trade Commission, which would be enlarged to nine members. Every license would include a stipulation against violating antitrust laws, discriminating against women workers, employing child labor, or interfering with labor unions. The commission would also be directed to call a national conference to develop a program for development and stabilization of basic industries and employment and to recommend legislation to Congress, in addition to recommending draft legislation to require Federal incorporation of all corporations engaged in interstate commerce.

A second title of the bill would enforce a number of reforms in corporation practice for the protection of investors such as prohibiting a corporation from acquiring stock in another corporation except a subsidiary, prohibiting the issuance of nonvoting stock, preventing payment of bonuses to officials except on vote of stockholders, requiring that full financial statements be furnished to stockholders, prohibiting a corporation from engaging in business not incidental to its principal activity, and creating a new type of government official to act as proxy for stokcholders on request.

3 NEW ALUMINUM STEARATES BY MALLINCKRODT

The ACID BASE RATIO IS EASILY ADJUSTED . . .

Years of research have shown the importance of correct Aluminum Stearate acid-base ratio for the processing of oils and solvents. These three new grades of Mallinckrodt Aluminum Stearate can be mixed to give you any desired ratio. They are manufactured especially for the paint, varnish, lubricant, waterproofing, and similar industries. You can cut production time and effect valuable plant economies by *standardizing* your formulas with these *standardized* Stearates.

The three new grades of Aluminum Stearate are not trademarked or patented mixtures, but definite chemical compounds of highest quality manufactured to exacting chemical standards. Every lot sold must pass the same tests. You are thus assured uniform results in your Stearate processes.

Mallinckrodt Aluminum Stearates are Made to Specifications for the Paint, Varnish, Lubricant, Waterproofing, and Similar Industries.

OTHER MALLINCKRODT STEARATES FOR INDUSTRIAL USE:

Calcium Stearates
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DEFINITE CHEMICAL COMPOUNDS

MANUFACTURED TO EXACTING CHEMICAL STANDARDS

Give Them a Thorough Trial in Your Plant (Special Offer Below)

1. ***Aluminum Stearate Technical M*** (mono-acid) — Produces soft greases. Small quantities produce a definite flatting effect in varnishes, with less tendency to jell formation.

2. ***Aluminum Stearate Technical D*** (di-acid)—This is the standard industrial grade most widely used for paints, varnishes, lubricants, and waterproofing materials. Stearate investigations logically start with this grade. M and T grades may be added as modifying agents. A small quantity of the M grade will tend to make greases harder, while the T grade will reduce the tendency to graininess, brittleness, and bleeding in greases and oils.

3. ***Aluminum Stearate Technical T*** (tri-acid)—With most oils and solvents this grade can be dispersed in higher concentrations than either the D or M grades and will cause less jelling in certain formulas. It is recommended as a flatting agent and for certain types of waterproofing material.

TWO OTHER ALUMINUM STEARATES

Aluminum Stearate Technical Fluffy is chemically similar to the D grade, but slightly finer and bulkier.

Flatting Agent No. 22 will cause less jelling in certain varnishes than the other grades.

Make a Test Run in Your Plant at Slight Cost
Send the Coupon Below to Get a Trial Quantity

LET THIS COUPON BE YOUR ORDER

Test the behavior of these new Aluminum Stearates in your experimental laboratory with your own formulas and raw materials. 5 pounds of each of the three grades (M, D, and T) will be sent you prepaid for $3.50. Take advantage of this generous trial offer without delay. Send us the coupon below and see how easily and accurately the acid-base ratio can be adjusted to your varying requirements.

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works..lb. .75 - 1.00
Acetaldehyde, dms., c.l., works.lb. .14 - —
l.c.l., works..lb. .16 - —
Acetamide, CP, bots., kegs, c.l., works..lb. .35 - —
l.c.l., 1,000 lbs., works..lb. .43 - —
smaller lots, works..lb. .48 - 1.00
tech., kegs, c.l., works..lb. .42 - —
l.c.l., 1,000 lbs., works..lb. .38 - —
smaller lots, works..lb. .43 - .75
Acetanilide, tech., 95%, bbls..lb. .29 Nom.
USP, bbls., 2,000 lbs..lb. .30 - —
smaller lots..lb. .31 - —
kegs, 2,000 lbs..lb. .31 - —
smaller lots..lb. .32 - —
Acetin, tech., dms..lb. .33 - —
Acetoacetanilide, dms..lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd..lb. .06¼- —
tanks, dlvd. ..lb. .04¾- —
Methyl (see M)
Acetophenone, bots..lb. 1.30 - 1.45
cns., 25 lbs..lb. 1.15 - 1.25
dms., 100 lbs..lb. 1.05 - —
Acetphenetidin, bbls., kegs, 1,000 lbs..lb. 1.30 - —
single pkg..lb. 1.35 - —
smaller pkgs..lb. 1.32 - 1.40
Acid, abietic, bbls., c.l..lb. .09¾- —
l.c.l. ..lb. .10 - —
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.38 - 2.63
cbys. ..100 lbs. 2.87 - 3.12
56%, bbls..100 lbs. 4.45 - 4.70
cbys. ..100 lbs. 4.95 - 5.20
70%, bbls..100 lbs. 5.54 - 5.79
cbys. ..100 lbs. 6.04 - 6.25
80%, bbls..100 lbs. 6.32 - 6.57
cbys. ..100 lbs. 6.82 - 7.07
glacial, nat., CP., cbys.100 lbs.14.00 - —
99.5%, nat., bbls., c.l., 100 lbs. 8.16 - 8.41
cbys. ..100 lbs. 8.06 - 8.31
syn., al. dms., c.l.100 lbs. 8.43 - 8.68
cbys. ..100 lbs. 8.93 - 9.18
USP, dms..100 lbs.10.25 -10.50
cbys. ..100 lbs.10.75 -11.00
pure, 30%, bbls., c.l..100 lbs. 3.44 - 3.69
cbys. ..100 lbs. 3.94 - 4.19
36%, bbls., c.l..100 lbs. 3.85 - 4.10
cbys. ..100 lbs. 4.35 - 4.60
60%, bbls., c.l.....100 lbs. 6.47 - 4.72
cbys. ..100 lbs. 6.97 - 7.22
80%, bbls., c.l.....100 lbs. 8.11 - 8.36
cbys. ..100 lbs. 8.61 - 8.86

Acetic acid prices above apply deliv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l..lb. .13 - —
l.c.l., dms., cbys..lb. .14 - .15
Acetylsalicylic, USP, bbls., 225 lbs..lb. .60 - —
boxes, 25 lbs..lb. .61 - —
kgs., 100 lbs..lb. .60 - —
Anthranilic, refd., bbls..lb. .85 - .90
tech., bbls..lb. .75 - —
Arsenous, tech. (see Arsenic, White)
USP powd., dms., kegs...lb. .18 -
Ascorbic, bots., dms..oz. 3.35 - 3.60
Battery, cbys, c.l., E. works 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .42 - —
1,000 to 3,900 lbs..lb. .44 - —
900 lbs. or less..lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .62
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd..ton.110.00 - —
l.c.l., ex whse.....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton. 95.00 - —
c.l., delvd..ton.100.00 - —
l.c.l., ex whse.....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd..ton.115.00 - —
l.c.l., ex whse.....ton.120.00 -135.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd..ton.105.00 - —
l.c.l., ex whse.....ton.110.00 -125.00
USP, $25 per ton higher.
Broenner's, bbls..lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cans..lb. 5.50 - 5.70
Capric, dms..lb. .13¼- .13½
Caproic, cans..lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms..lb. .17½- .18
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y., lb. .1475- .1675
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., bbls.....lb. .24 - —
kegs.....lb. .24½- —
gran., bbls.....lb. .24 - —
kegs.....lb. .24½- —
powd., bbls.....lb. .24½- —
anhyd., gran., dms.....lb. .26½- —
powd., dms.....lb. .27 - —

Prices on citric acid are f.o.b. N. Y., Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls..lb. .50 - —
Coconut oil, dist..lb. .10¼- .10¾
Cottonseed oil, dms.....lb. .06½- .07
Cresylic, high-boil, dms., c.l., works, frt. equaled..gal. .89 - —
l.c.l., same basis.....gal. .91 - —
Acid, cresylic, low-boil, dms., c.l., works, frt. equaled..gal. .92 - —
l.c.l., same basis.....gal. .94 - —
imported pale, 97-99, dms..gal. 1.00 Nom.
special resin grade, dms., c.l., works..lb. .10¾- —
l.c.l., same basis.....lb. .11¼- —
Crotonic, dms., works.....lb. .75 - 1.00
Diethylbarbituric (see Barbital).
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l..lb. .10½- —
l.c.l., 25 and over..lb. .11 - —
1-24 .....lb. .11½- —
inland territory, cbys., c.l...lb. .1185- —
l.c.l., 25 and over....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l. lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1320
Fumaric, bbls.....lb. .60 - —
Gallic, tech., bbls.....lb. .75 - .79
N. F., VI, bbls, 200 lbs., 5 or more..lb. .87 - —
single bbls.....lb. .90 - —
fib. dms., 25 lbs.....lb. .96 - —
kgs., 100 lbs.....lb. .91 - —
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls.....lb. .50 - .55
Hempseed oil, dms.....lb. .1180- .1225
Hydriodic, 47%, bots.....lb. 2.20 - 2.25
57%, bots.....lb. 2.65 - 2.70
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys.....lb. .09 - .0950
48%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60%, lead cbys.....lb. .15 - .1550
Hydrofluosilicic, 30-35%, bbls.lb. .10¼- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works. 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works. 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10¾- .11¼
plastic grade.....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12½
plastic grade.....lb. .13¼- .14½
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22¼
USP, X, 85%, cbys.....lb. .42 - .45
USP, VIII, 75%, cbys.....lb. .40 - .43
Laurent's, bbls.....lb. .45 - —
Linseed oil, dark or light, dms..lb. .1310- .1350
tanks .....lb. .1250- —
extra white, dms.....lb. .13 - .13½
Maleic, powd., dms.....lb. .30 - .40
anhydride, dms.....lb. .33 - .43
Malic powd., kegs.....lb. .45 - .60
Mandelic, bots.....lb. 2.30 - —
fib. dms.....lb. 2.05 - 2.20
Mixed, tanks, nitric unit....lb. .06¼- .07½
sulphuric unit .....lb. .0085- .009
Monochloroacetic, tech., bbls.lb. .16 - .17
99%, bbls. .....lb. .18 - .19
Monosulphonic, bbls. .....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P., U.S.P., dealers, cbys.lb. .06½- —
6-lb. bots.....lb. .18½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dms.....lb. .15½- .16
white, redist., dms.....lb. .17 - .17½
Naphthenic, S.V. 120-200, dms., lb. .07 Nom.
210-230, dms.....lb. .09 Nom.
240-280, dms.....lb. .10 Nom.
sludges, dms.....lb. .05 Nom.
Nevile & Winther's, bbls.....lb. .85 - .87
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —
38° cbys., c.l., E. works, 100 lbs. 6.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works 100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works 100 lbs. 6.25 -
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works, 100 lbs. 6.50 - —
Acid, nitric, 42°, cbys., l.c.l., 25 and over works..100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., U.S.P., dealers, cbys.. lb. .11½- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, dms.....lb. .06¼- .07½
Phenylacetic, bots.....lb. 2.00 - 3.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys. .....lb. .09 - —
USP, 85%, s. g. 1,710, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs. .....lb. .15 - —
50% s.g., 1347, cbys., 70 lbs., lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls. .....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works .....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works .....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst., cns.....lb. 1.45 - 1.65
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms .....lb. .38 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls. .....lb. .40 - .45
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works.....lb. .37 - .41
Soybean oil, dist., dms.....lb. .09 - .09½
Stearic, distil., double pressed, bgs., dlvd..lb. .11 - .12
single pressed, bgs., dlvd.lb. .10½- .11½
triple pressed, bgs., dlvd..lb. .13¾- .14¾
saponif., double pressed, bgs, dlvd..lb. .11¼- .12¼
triple pressed, bgs., dlvd.lb. .14 - .15
Succinic, bbls. .....lb. .75 - —
Sulphanilic, CP, bots, works..lb. 1.60 - 1.68
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98%, tanks, works.....ton.17.50 - —
C.P., U.S.P., dealers, cbys.. lb. .06¼- —
9-lb. bots.....lb. .16½- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., 1,000 lbs.lb. .88 - —
100-lb. lots.....lb. .90 - —
25-lb. lots.....lb. .93 - —
powd., bbls., 1,000 lbs....lb. .78 - —
smaller lots.....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .24¾- —
smaller quantities ....lb. .25¼- —
kgs. .....lb. .25¾- —
Tobias, bbls. .....lb. .65 - —
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs.....lb. No prices
tech., kgs. .....lb. No prices
Aconite, leaves, bls.....lb. .30 - .32
Root, bls.....lb. .35 - .36
Aconitine, amorph., bots.....oz.17.00 -18.00
vls. .....gr. .06 - .09
cryst., bots.....oz.20.00 - —
vls. .....gr. .09 - .11
Adeps, lanae, anhyd., dms....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar, 1, bls.....lb. 1.10 - 1.15
2, bls.....lb. 1.05 - 1.10
3, bls.....lb. .72 - .75
Agaric, white, bls.....lb. 3.25 - 3.50
Albumen, blood, dark, flake, bgs., c.l., f.o.b. Chicago, frt. alld..lb. .11 - —
l.c.l., bgs., same basis..lb. .13 - .15
pow'd, grade A, same basis, ton lots..lb. .15 - —
smaller lots, Chicago....lb. .18 - —
light, dom., flake, dms., Chicago..lb. .52 - .60
import, bgs.....lb. .50 - —
Egg, ed., dom., bbls.....lb. 1.05 Nom.
import, cs.....lb. .85 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .133 - —
l.c.l., frt. alld.....lb. .143 - —
tanks, frt. alld.....lb. .123 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Benzyl, cans.....lb. .70 - —
drums .....lb. .63 - —
Butyl, normal, dms., c.l., frt. alld..lb. .10 - —
l.c.l., frt. alld.....lb. .10½- —
tanks, frt. alld.....lb. .09 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs. .....lb. 1.70 - —
100 lbs. .....lb. 1.80 - —
25 lbs. .....lb. 1.90 - —
5 lbs. .....lb. 2.00 - —
coml., dms.....lb. .95 - —

Acacia—Alum, Potash

Alcohol, cetyl, import, 85%, dms. 100 lbs. .55 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.50
Denatured, CD11, 12, 13, dms., c.l., works, E..gal. .35 - —
l.c.l., works, dms., dealer and industrial accounts. gal. .40 - —
jobber accounts...gal. .38 - —
tanks, E., works.....gal. .29 - —

Prices for territories other than E. of Rockies, 3c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., bbls., c.l., E. works..gal. .34 - —
19 bbls., E. works...gal. .36 - —
1 to 18 bbls., E. works, gal. .39 - —
dms., c.l., E. works....gal. .33 - —
19 dms., E. works...gal. .35 - —
1 to 18 dms., E. works, gal. .38 - —
tanks, E. works.....gal. .27 - —

Anhydrous, 5c. per gal. higher.

SD23-G, works, E., dms., c.l., gal. .37½- —
19 dms.....gal. .39½- —
1 to 18 dms.....gal. .42½- —
tanks .....gal. .31½- —

Prices for territories other than E. of Rockies, 3c. per gal. higher.

Special solvent, dms., c.l., E. works..gal. .34 - —
20 dms., E. works...gal. .36 - —
1 to 19 dms., E. works, gal. .39 - —
tanks, E. works.....gal. .28 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt. alld..lb. .13½- —
l.c.l., frt. alld.....lb. .14 - —
tech., contract, dms., c.l., frt. alld..lb. .12½- —
l.c.l., frt. alld.....lb. .13 - —
Ethyl, 190 pf., ex molasses, bbls., c.l—gal. 4.13 - —
19 bbls.....gal. 4.15 - —
1 to 18 bbls.....gal. 4.18 - —
dms., c.l.....gal. 4.12 - —
19 dms.....gal. 4.14 - —
1 to 18 dms.....gal. 4.17 - —
tanks .....gal. 4.06 - —
absolute, dms., c.l.....gal. 4.42 - —
19 dms.....gal. 4.44 - —
1 to 18 dms.....gal. 4.47 - —

Grain alcohol 45c. per gal. higher.

Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky Mts.lb. .16 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .12 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Isopropyl, denat., grd., dms., c.l., frt., alld..gal. .32 - —
l.c.l., frt., alld.....gal. .33 - —
refd., 91% dms., c.l., f.o.b. dest..gal. .30½- —
l.c.l., same terms....gal. .44½- —
tanks, same terms....gal. .34½- —
98%, dms., c.l., same terms, gal. .44½- —
l.c.l., same terms....gal. .40½- —
tanks, same terms....gal. .39½- —
tech., 91%, dms., c.l., same terms..gal. .35 - —
l.c.l., same terms....gal. .40 - —
tanks, same terms....gal. .30 - —
98%, dms., c.l., same terms, gal. .32½- —
l.c.l., same terms....gal. .44½- —
tanks, same terms....gal. .34½- —
Methyl (see Methanol)
Phenylethyl, bots., cns.....lb. 1.50 - 2.50
Propyl (see Isopropyl)
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .25 - —
Aletris root, bgs.....lb. .43 - .50
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .11 - .12
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .18 - .19
Curacao, cs.....lb. .35 - .36
gourds, bbls.....lb. .50 - .55
Socotrine, kgs.....lb. .60 - .62
Aloin, 140-lb. bbls.....lb. 2.00 - —
100-lb. kegs.....lb. 2.02 - —
25-lb. fib. dms.....lb. 2.00 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bls.....lb. .30 - .32
Alum, ammonia, burnt, USP, bbls. kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.00 - 3.05
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works...100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works, 100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.50 - 3.75
dlvd. N.Y., Phila...100 lbs. 3.65 - —
powd., bbls., works...100 lbs. 3.65 - 3.90
dlvd. N.Y., Phila...100 lbs. 3.80 - —

Potash alum prices on same basis as those for ammonia alum.

Alum—Amyl Acetate

Alum, potash-chrome, bbls.	lb.	.06½- .06¾
Soda, bbls., c.l., works	100 lbs.	3.25 - —
l.c.l., dlvd.	100 lbs.	4.25 - 5.00
Alumina acetate, C.P. 20% solut., bbls.	lb.	.09 - .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works	lb.	.05 - —
12,000 to 40,000 lbs., works	lb.	.06 - —
1,100 to 11,000 lbs., works	lb.	.07 - —
140 to 875 lbs., works	lb.	.08 - —
100 lbs., or less, works	lb.	.09 - —
cryst., com'l, dms., c.l., works	lb.	.06 - —
l.c.l., dms., works	lb.	.06¼- —
solution, 32 deg., cbys., c.l., works	lb.	.02¾- —
l.c.l., cbys., works	lb.	.03¼- —
Hydrate, heavy, bbls., c.l., works	lb.	.0290- —
less car lots, works	lb.	.03½- —
light, bbls., dlvd.	lb.	.12 - —
Oleate, dms., contr.	lb.	.16¾- —
open order	lb.	.17¾- .18½
Palmitate, precip., bbls.	lb.	.22 - —
Resinate, precip., dms., dlvd.	lb.	.15 - —
Stearate, precip., bbls., ctns., c.l.	lb.	.19 - —
l.c.l., ton	lb.	.20 - —
less than ton	lb.	.21 - —
Sulphate, com'l bgs., c.l., works, frt. equaled	100 lbs.	1.35 - —
l.c.l., works, frt. equald.	100 lbs.	1.60 - —
bbls., c.l., works, frt. equald.	100 lbs.	1.55 - —
l.c.l., works, frt. equald.	100 lbs.	1.80 - —
iron-free, bgs., c.l., works	100 lbs.	2.00 - —
l.c.l., works	100 lbs.	2.25 - 2.40
truckloads, bgs.	100 lbs.	2.40 - —
10 to 24, dlvd. met. N.Y.	100 lbs.	2.55 - —
5 to 9, dlvd. met. N.Y.	100 lbs.	2.80 - —
1 to 4, dlvd. met. N.Y.	100 lbs.	3.30 - —
bbls., c.l., works	100 lbs.	2.20 - —
l.c.l., works	100 lbs.	2.45 - —
truckloads, dlvd., met. N.Y.	100 lbs.	2.60 - —
10 to 24, dlvd. met. N.Y.	100 lbs.	2.75 - —
5 to 9, dlvd., met. N.Y.	100 lbs.	3.00 - —
1 to 4, dlvd. met. N.Y.	100 lbs.	3.50 - —
Aluminum, 98-99%, dms., c.l.	lb.	.20 - —
l.c.l.	lb.	.21 - —
paste, extra fine lining, dms., 30,000 lbs., frt. alld. E. of Miss.	lb.	.63½- —
5,000 lbs., same basis	lb.	.64½- —
2,000 lbs., single shipt., same basis	lb.	.65 - —

On 2,000-lb. orders in split shipment the price is ½c. higher in lots of 400 lbs. and more; 1c. higher in lots of 200-399 lbs.; 3c. higher in lots of 10-199 lbs.; on smaller orders the price is higher than the 2,000-lb. basis by 1c. in lots of 1,000 lbs. and more; 2c. on 400-999 lbs.; 5c. on 200-399 lbs.; 10c. on 10-199 lbs.

ink, dms., 30,000 lbs., same basis	lb.	.73½- —
5,000 lbs., same basis	lb.	.74½- —
2,000 lbs., single shipt., same basis	lb.	.75 - —
split shipts. (see note fine lining paste).		
standard, dms., 30,000 lbs., same basis	lb.	.41½- —
5,000 lbs., same basis	lb.	.42½- —
2,000 lbs., single shipt., same basis	lb.	.43 - —
split shipts. (see note fine lining paste).		
powder, lining, extra fine, dms., 30,000 lbs., same basis	lb.	.90½- —
5,000 lbs., same basis	lb.	.91 - —
2,000 lbs., single shipt., same basis	lb.	.92 - —
split shipts. (see note fine lining paste).		
standard, dms., 30,000 lbs., same basis	lb.	.55½- —
5,000 lbs., same basis	lb.	.56½- —
2,000 lbs., single shipt., same basis	lb.	.57 - —
split shipts. (see note fine lining paste).		
litho, extra brilliant, dms., 30,000 lbs., same basis,	lb.	.41½- —
5,000 lbs., same basis	lb.	.42½- —
2,000 lbs., single shipt., same basis	lb.	.43 - —
split shipts. (see note fine lining paste).		
extra fine, dms., 30,000 lbs., same basis	lb.	.45½- —
5,000 lbs., same basis	lb.	.46½- —
2,000 lbs., single shipt., same basis	lb.	.47 - —
split shipts. (see note fine lining paste).		
standard dms., 30,000 lbs., same basis	lb.	.40½- —
5,000 lbs., same basis	lb.	.41½- —
2,000 lbs., single shipt., same basis	lb.	.42 - —
split shipts. (see note fine lining paste).		
wallpaper, dms., 30,000 lbs., same basis	lb.	.41½- —
5,000 lbs., same basis	lb.	.42½- —
2,000 lbs., single shipt., same basis	lb.	.43 - —
split shipts. (see note fine lining paste)		
rubber comp., dms., 30,000 lbs., same basis	lb.	.38½- —
5,000 lbs., same basis	lb.	.39½- —
2,000 lbs., single shipt., same basis	lb.	.40 - —
split shipts (see note fine lining paste)		
unpolished, dms., 30,000 lbs., same basis	lb.	.35½- —
5,000 lbs., same basis	lb.	.36½- —
2,000 lbs., single shipt., same basis	lb.	.37 - —
split shipts. (see note fine lining paste)		
varnish, extra brilliant, dms., 30,000 lbs., same basis	lb.	.41½- —
5,000 lbs., same basis	lb.	.42½- —
2,000 lbs., single shipt., same basis	lb.	.43 - —
split shipts. (see note fine lining paste)		
extra fine, dms., 30,000 lbs., same basis	lb.	.45½- —
5,000 lbs., same basis	lb.	.46½- —
2,000 lbs., single shipt., same basis	lb.	.47 - —
split shipt (see note fine lining paste)		
Aluminum, powd., varnish, standard, dms., 30,000 lbs., same basis	lb.	.40½- —
5,000 lbs., same basis	lb.	.41½- —
2,000 lbs., single shipt., same basis	lb.	42 - —
split shipts. (see note fine lining paste)		

Aluminum powder and paste prices are nominal.

Ambergris, gray, tins	oz.	17.00 -35.00
Aminopyrine, fib., dms., 100 lbs.,	lb.	4.00 - —
bots., 5 lbs.	lb.	4.22 - 4.26
Ammonia, acetate, kgs.	lb.	.26 - .33
Aldehyde, dms.	lb.	.65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works	lb.	.04½- —
refrigeration, tanks, works	lb.	.05 - —
pure, cyls., dlvd., met. N.Y.,	lb.	.16 - .22

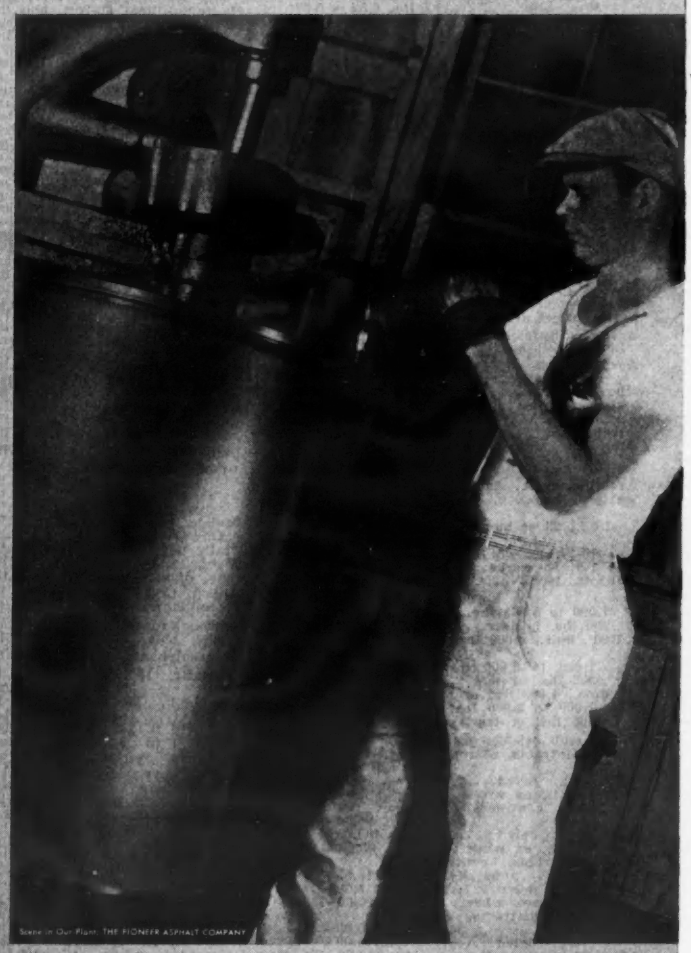
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.	lb.	.05¼- —
dms., c.l.	lb.	.02¼- —
l.c.l.	lb.	.02½- —
tanks (on NH_3 content), dlvd., E.	lb.	.05 - .05¼
Benzoate, dms., 4,000 lbs. or more	lb.	.41 - .43
1,000 lbs. to 3,900 lbs.	lb.	.43 - .46
900 lbs. or less	lb.	.45 - .48
kgs., 4,000 lbs. or more	lb.	.40 - —
1,000 lbs., to 3,900 lbs.	lb.	.41 - —
900 lbs. or less	lb.	.44 - —
Bicarbonate, bbls., c.l., works, 100 lbs.		5.15 - —
l.c.l., dlvd., N. Y.	100 lbs.	5.71 - —
Bichromate, bbls.	lb.	.32 - —
Bifluoride, bbls.	lb.	.16 - .18
Borate, bbls., kgs.	lb.	.15 - .16
Bromide, gran., bbls.	lb.	.35 - —
bxs.	lb.	.36 .40
kgs.	lb.	.36 —
imported, csks.	lb.	.03 - .12½
	lb.	.03 - .12½
Carbonate, tech., dom., bbls. USP, lump, dms.	lb.	.08 - .11
powd., bbls., dms.	lb.	.09 - —
Chloride, tech. (see Ammoniac, sal).		
USP, gran., bbls.	lb.	.11 - .16
kgs.	lb.	.15 - —
Citrate, dms.	lb.	.30 - —
cns.	lb.	.35 - —
Fluoride, bbls.	lb.	.17 - .19
Hydroxide (see Ammonia, aqua).		
Hypophosphite, fib., dms.	lb.	1.10 - 1.17
jars	lb.	1.20 - —
Iodide, 5-lb. bots.	lb.	3.32 - —
jars	lb.	3.25 - —
Laurate, bbls.	lb.	.23 - —
Linoleate, 80%, anhyd., bbls.	lb.	.15 - —
Naphthenate, bbls.	lb.	.17 - —
Nitrate, tech., bags, c.l., works, 100 lbs.		3.60 - —
bbls., works	100 lbs.	3.75 - —
l.c.l., bags, works	100 lbs.	3.85 - —
bbls., works	100 lbs.	4.00 - —
Oleate, dms.	lb.	.15 - —
Oxalate, neutral, cryst., powd., bbls., kgs.	lb.	.22½- —
l.c.l.	lb.	.16 - —
Perchlorate, kgs.	lb.	.16 - —
Persulphate, kgs.	lb.	.21 - —
Phosphate, dibasic, N.F.V., bls.	lb.	.37 - —
kgs.	lb.	.39 - —
tech., bbls., c.l.	lb.	.07½- —
l.c.l.	lb.	.09 - .10
monobasic, crude (fertilizer grade), 11% N 48% phos., bulk, f.o.b. E. works	unit-ton.	1.20 & 70
Phosphate, monobasic, pure, bbls.	lb.	.40 - 45
tech., bbls., c.l.	lb.	.07½- —
l.c.l.	lb.	.09 - .10
Ricinoleate, bbls.	lb.	.15 - —
Salicylate, USP, kgs.	lb.	1.15 - 1.20
Sulphate, dom., bulk, c.l., f.o.b. ports or ovens, contr., 6-8 mos., Dec.	ton.	28.00 - —
Jan.-June, 1938	ton.	28.50 - —

Ammonia sulphate contracts any 1-5 mos., through June 1938, $1 per ton additional; spot prices $1 per ton additional. Bag packing charged extra at $1.30 per ton for 200's and $2 per ton for 100's. Deliveries in Ill., Mich., Ind., Ohio, Wis. and Ohio river destinations in Ky. are f.o.b. ovens freight allowed.

Sulphide, liquid, 35-40%, basis 100%, dms., works	lb.	.12 - .15
tanks, delvd	lb.	.11 - —
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works	lb.	.14 - —
smaller lots, works	lb.	.16 - —
pure, 99-100%, kgs.	lb.	.55 - —
Ammoniac, gum (see Gum, ammoniac).		
Sal, gray, dom., bbls., c.l., works, 100 lbs.		5.50 - 5.75
l.c.l.	100 lbs.	6.00 - 6.70
white, gran., dom., bbls., contracts, works	100 lbs.	5.00 - 5.05
import, csks	100 lbs.	5.00 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works	lb.	.11⅛- —
l.c.l., frt., alld.	lb.	.12 - —
tanks, works	lb.	.10½- —
ex pentane dms., frt. alld.	lb.	.125 - —
l.c.l. frt., alld.	lb.	.135 - —
tanks frt., alld.	lb.	.115 -

CLEAN CUT SCHEDULES



PRODUCTION schedules depend so much on the ability of your sources of supply to give efficient cooperation. Can you depend on *yours* to meet all your requirements with high quality materials, delivered with promptness and dispatch? Witco has the stocks and the facilities to give thoroughly efficient service on these and a wide variety of other chemicals, oils, pigments and allied products.

WITCO CARBON BLACKS are made to meet individual requirements and to satisfy the most exacting demands for quality.

WITCO TITANIUM DIOXIDE sets a new standard of fineness, ease of grinding and uniformly neutral white color.

WITCO STEARITE is steadily growing in popularity because of its higher uniformity and greater economy.

WITCO PALM OIL is demanded in increasing quantities as the need grows for a product of consistently uniform quality.

WITCO

WISHNICK-TUMPEER, INC.
Manufacturers and Importers
NEW YORK . 295 MADISON AVENUE
CHICAGO . . . . . TRIBUNE TOWER
BOSTON . . . . . 141 MILK STREET
CLEVELAND . 616 ST. CLAIR AVE., N. E.
WITCO LTD., BUSH HOUSE, LONDON W. C. 2, ENGLAND
Witco Affiliates: Witco Oil & Gas Company
The Pioneer Asphalt Company
Panhandle Carbon Company
BUY DIRECT AND PROFIT DIRECTLY

Amyl acetate, secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 -
tanks, same terms.....lb. .08½- -
Alcohol (see Alcohol amyl.)
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works .....lb. .077 - —
tanks, works.....lb. .06 - —
Cinnamic aldehyde, cns.....lb. 2.00 - 2.25
Nitrite, bots.....lb. 1.50 - 1.65
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works.lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.30 - 1.35
Angelica root, dom., bls.....lb. .20 - .31
import, natural, bls.....lb. .28 - .30
twisted, bls.....lb. .30 - .40
Angostura bark, bls.....lb. .40 - .45
Anilin oil, dms.....lb. .15 - .16
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .11¾- .12¼
Star, bgs.....lb. .15 - .16
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .24 - .29
Seed, bgs.....lb. .07¾- .08½
Anthraquinone, 99.5%, subl., bbls. lb. .65 - —
Antimony, butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .14¾- —
Needle, powd., bbls.....lb. .14 - .16
Oxide, bbls., c.l.....lb. .13½- —
l.c.l. .....lb. .15½- —
Salts, 60%, kgs.....lb. .23¾- .24
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c. lb., lb. .12½- .15¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, conc., bbls....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots., oz. 4.35 - 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity..... 100 kilos. 32.00 -34.00
Arnica flowers, bls.....lb. .35 - .36
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08¾- .09¾
bbls. .....lb. .08½- .09
Arsenic iodide (arsenous), 5 lb. bots..lb. 5.15 - —
jars .....lb. 5.00 - —
Metal, lump, cs.....lb. .42 - .43
Red, import, cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Arsenous chloride, cns.....lb. 4.85 - —
Asafetida, cs.....lb. .19 - .20
powd., bbls., bxs.....lb. .55 - .75
Asbestine (see Talc, N. Y. fibreus).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton. 35.00 - —
6D, bgs., c.l. (20 tons), Canad. mines..ton. 27.00 - —
7D, bgs., c.l. (20 tons), Canad. mines..ton. 23.00 - —
7F, bgs., c.l. (20 tons), Canad. mines..ton. 21.00 - —
7H, bgs., c.l. (20 tons), Canad. mines..ton. 17.00 - —
7K, bgs., c.l. (20 tons), Canad. mines—ton. 14.50 - —
7M, bgs., c.l. (20 tons), Canad. mines..ton. 12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02¼- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .03¾- —
smaller lots, f.o.b. N. Y.lb. .10¼- —
California, dms., c.l., f.o.b. N.Y. ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 65.00 - —
Egyptian, bgs., c.l.,f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points .....ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 49.50 - —
Jet, bgs., c.l., Western shipping points..ton. 30.50 - —
Maltha, dms., c.l.,f.o.b.N.Y.ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum cut-back, bbls., l.c.l., E. cst. refinery, gal. .13 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery....ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery.....gal. .07½- —
Atropine, bots.....oz. 5.25 - 5.80
Sulphate, bots.....oz. 2.85 - 2.95
cns. .....oz. 2.80 - —

B

Balm of Gilead buds, bgs.....lb. .40 - .45
Barberry bark, bgs.....lb. .22 - .25
Tree bark, bls.....lb. .10 - .11
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works, ton. 44.00 - —
90%, 200 mesh, bgs., c.l., works..ton. 47.00 - —
precip., bgs., c.l., works..ton. 52.50 - —
bbls., works .....ton. 57.50 - —
l.c.l., bgs., works.....ton. 57.50 - —
bbls., works .....ton. 62.50 - —
sulphur-free bgs., bbls., c.l., works..ton. 57.50 -62.50
Chlorate, kgs. .....lb. .16½- .17½
Chloride, C.P., cryst., bbls..lb. .10 - —
dms .....lb. .09 - —
Barium, chloride, tech., dom., cryst., bgs., c.l., Zone 1, dlvd. New England States, N. Y., N. J., Pa., Md., Dela., Va., West Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton. 72.00 - —
bbls., same basis, ton. 74.00 - —
l.c.l., bgs., same basis, ton. 85.00 - —
bbls., same basis..ton. 87.00 - —
Zone 2, bgs., c.l., dlvd. Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton. 76.00 - —
bbls., same basis..ton. 78.00 - —
l.c.l., bgs., same basis, ton. 89.00 - —
bbls., same basis..ton. 91.00 - —
Zone 3, bgs., c.l., dlvd. Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz., ton. 82.00 - —
bbls., same basis..ton. 84.00 - —
l.c.l., bgs., same basis, ton. 95.00 - —
bbls., same basis..ton. 97.00 - —
Zone 4, bgs., c.l., dlvd. Wash., Ore., Calif., Nev..ton. 78.00 - —
bbls., same basis..ton. 80.00 - —
l.c.l., same basis....ton. 91.00 - —
bbls., same basis..ton. 93.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .15 - .16
Fluosilicate, bbls. .....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05½
Iodide, bots.....lb. 4.30 - 4.45
Monoxide (see Oxide).
Nitrate, cks.....lb. .07 - .08¼
Oxide, dms. .....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 23.65 - —
l.c.l., ex whse., Boston, ton. 26.90 - —
Chicago .....ton. 31.15 - —
Cleveland .....ton. 33.50 - —
New York.....ton. 32.00 - —
paper bgs., c.l., St. Louis. ton. 22.85- —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex whse., Baltimore..ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.35 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City.....ton. 30.93 - —
Los Angeles.....ton. 42.90 - —
New York.....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.30 - —
Southern off color, bulk, mines..ton. 12.00 - —
95.75%, bulk, mines.....ton. 16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock., t.a...ton. 25.00 -26.00
l.c.l., ex whse.....ton. 30.00 - —
ungrd., bulk, c.l., ex dock, ton. 12.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex whse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71½ Nom.
Bayberry bark, bgs.....lb. .15 Nom.
Belladonna leaves, bls.....lb. .14 - .15
Root, bls. .....lb. .12 - .13
Bentonite, 200 mesh, bgs., Wyo. works..ton. 11.00 - —
325 mesh, bgs., Wyo. works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .47
Benzyl acetate, f.f.c., bots....lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.s., f.f.c., tins.lb. .90 - 1.26
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, cns.....lb. 16.75 - —
Hydrochloride, cns.....lb. 16.75 - —
Sulphate, cns.....lb. 16.75 - —
Berberis root, bls.....lb. .15 - .16
Betanaphthol, subim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib. dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .16 - .18
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.66 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., 5-lb., bots...lb. 1.84 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
cns. .....lb. 3.25 - —
Subcarbonate, bots., cns.....lb. 1.32 - 1.58
fib. dms.....lb. 1.28 - 1.30
X-ray, 5-lb. bots.....lb. 2.52 - —
fib. dms.....lb. 2.46 - —
Subgallate, bots., cns.....lb. 1.42 - 1.66
fib. dms.....lb. 1.38 - 1.36
Subiodide, cns.....lb. 3.91 - —
fib. dms.....lb. 3.86 - —
Subnitrate, powd., bots., cns., lb. 1.22 - 1.45
fib., dms.....lb. 1.18 - 1.16
Subsalicylate, 83-90%, bxs..lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots..lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., dlvd.....lb. .15 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
Black, bone, 1, bbls., bgs., c.l., frt. alld. E..lb. .12½- —
l.c.l., frt. alld. E.....lb. .13 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .10¼- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls, bgs., c.l., frt. alld. E. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .09 - —
l.c.l., frt. alld. E.....lb. .09½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd.....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10¼- —
ca., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
ca., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
ca., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
ca., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in N. A., (water freights extra), lb. .0345- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .03¾- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0390- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States..lb. .0405- —
D (Ill., Ia., Wis.)—lb. .0390- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)...lb. .0405- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0435- —
G (Mexico).....lb. .0455- —
l.c.l., f.o.b. whse.....lb. .06½- —
bulk, tankcars, ¼c. per lb. less than bgs. in each zone.
ctns., l.c.l., ex-whse.....lb. .07 - —
cs., l.c.l., ex-whse.....lb. .07¾- —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .06½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y. lb. .04¼- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black haw, root bark, bls.....lb. .33 - .35
Tree bark, bls.....lb. .16 - .17
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton. 55.00 - —
l.c.l. .....ton. 60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton. 70.00 - —
l.c.l., same basis....ton. 75.00 - —
pulp, 65¼%, bulk., c.l., works, ton. 40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.35
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y. unit-ton. 3.00 - —
high-grade, grd., 16-17% ammon, bulk, f.o.b. Chi. unit-ton. 2.75 - —
import, bgs. c.i.f. ports, Dec. shipt., unit-ton. 3.30 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .14 - .15
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order .....lb. .37 - —
Celestial, bbls. .....lb. .10 - .13
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg...lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls, f.o.b. works, frt. alld..lb. 2.30 - 2.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —

Amyl Acetate—Brown, Umber

Blue, potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 -
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 -
Soluble, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kegs...lb. 4.00 - —
Victoria, kegs.....lb. 3.85 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .10 - —
regular 1, bbls., works, frt. equaled..lb. .15 - —
2, bbls., same basis....lb. .17 - —
3, bbls., same basis....lb. .18 - —
4, bbls., same basis....lb. .19 - —
5, bbls., same basis....lb. .22 - —
6, cobalt, A, same basis..lb. .26 - —
B, bbls., same basis.lb. .23 - —
C, bbls., same basis.lb. .22 - —
D, bbls., same basis.lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis lb. .16 - —
2, bbls., same basis....lb. .19 - —
3, bbls., same basis....lb. .21 - —
4, bbls., same basis....lb. .22 - —
5, bbls., same basis....lb. .24 - —
6, bbls., same basis....lb. .26 - —
pulp, 1, bbls., same basis..lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd, ex whse, is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Bluefing root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs...lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 4.50 - —
16-25 bbls., same basis, 100 lbs. 4.75 - —
6-15 bbls., same basis, 100 lbs. 4.85 - —
3-5 bbls., same basis, 100 lbs. 5.10 - —
1-2 bbls., same basis, 100 lbs. 5.25 - —
monohydrated, dms., c.l. dealers..lb. .09½- .10¼
l.c.l., dealers.....lb. .0960- .1060
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton. 26.00 -30.00
c.i.f. Atlantic ports...ton. 30.00 - —
import, bgs., c.i.f., ports..ton. 29.00 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton. 20.00 -22.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton. 23.75 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1¼% ammon. 60% phos., bgs., f.o.b. Chicago..ton. 18.00 -20.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton. 21.50 - —
Borage flowers, bls.....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton. 58.00 - —
l.c.l., ex whse.....ton. 67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton. 48.00 - —
l.c.l., ex whse.....ton. 57.00 -62.00
gran., bbls., contracts, 80 tons min., dlvd..ton. 52.00 - —
l.c.l., ex whse.....ton. 61.00 -66.00
sks., contracts, 80 tons min., dlvd..ton. 42.00 - —
l.c.l., ex whse.....ton. 51.00 -56.00
powd., bbls., contracts, 80 tons min., dlvd..ton. 57.00 - —
l.c.l., ex whse.....ton. 66.00 -71.00
sks., contracts, 80 tons min., dlvd..ton. 47.00 - —
l.c.l., ex whse.....ton. 56.00 -61.00
USP., $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
cns .....lb. 1.50 - —
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromatyrol, bots. .....lb. 3.25 - 4.50
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .11 - .13
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .12½- —
Metallic, bbls., works.....lb. .02½- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12¼- —
2, bbls., same basis....lb. .11¼- —
3, bbls., same basis....lb. .10¼- —
4, bbls., same basis....lb. .08¾- —
5, bbls., same basis....lb. .08¾- —
6, bbls., same basis....lb. .08¼- —
7, bbls., same basis....lb. .08 - —
8, bbls., same basis....lb. .07¾- —
9, bbls., same basis....lb. .07¼- —
10, bbls., same basis....lb. .06¾- —
11, bbls., same basis....lb. .06¾- —
12, bbls., same basis....lb. .06¼- —
13, bbls., same basis....lb. .06 - —
14, bbls., same basis....lb. .05½- —
raw, American, bbls., works, lb. .02¾- —
Italian, 1, bbls., f.o.b. N. Y. or works.....lb. .12½- —
2, bbls., same basis....lb. .10¾- —
3, bbls., same basis....lb. .11 - —
4, bbls., same basis....lb. .09½- —
5, bbls., same basis....lb. .09 - —
6, bbls., same basis....lb. .08½- —
7, bbls., same basis....lb. .07¾- —
8, bbls., same basis....lb. .07¼- —
9, bbls., same basis....lb. .06¾- —
10, bbls., same basis....lb. .06 - —
11, bbls., same basis....lb. .05 - —
Umber, American, bbls. works, lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N.Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle..lb. .04¾- —

Brown, Umber—Charcoal

Brown, umber, turkey, bbls., l.c.l., ex whse. Boston	lb.	.04½-	—
Chicago, Indianapolis, New Orleans	lb.	.04¾-	—
Kansas City	lb.	.05 -	—
Los Angeles, Portland, San Francisco, Seattle,	lb.	.04¾-	—
Minneapolis	lb.	.0485-	—
Pittsburgh	lb.	.04½-	—
Vandyke, bbls., l.c.l.	lb.	.05¾-	—
Walnut crystals, bbls.	lb.	.05½-	.06
Brucine, 100 oz., cns.	oz.	.10 -	—
Sulphate, 100 oz., cns.	oz.	.07 -	—
Bryonia root, bls.	lb.	.10 -	.11
Buchu leaves, bls.	lb.	.50 -	.52
Buckthorn bark, true, bls.	lb.	.05½-	.06
Berries, bgs.	lb.	.19 -	.20
Burdock root, bls.	lb.	.09½-	.10
Burgundy pitch, dom., bbls., c.l., works	lb.	.05½-	—
l.c.l., dlvd. E.	lb.	.06¼-	—
import., stands	lb.	.15 -	.16
Butanes, comi., 16-32°, tanks, group 3	gal.	.02½-	.03¾
Butternut bark, bls.	lb.	.08 -	.09
Butyl acetate, norm., dms., c.l., contract, frt. alld.	lb.	.10 -	—
l.c.l., contract, frt. alld.	lb.	.10½-	—
tanks, contract, frt. alld.	lb.	.09 -	—
Secondary, dms., c.l., frt. pd. E. of Rocky Mts.	lb.	.08 -	—
l.c.l., same terms	lb.	.06½-	—
tanks, same terms	lb.	.07 -	—
Alcohol (see Alcohol):—			
Aldehyde, dms., l.c.l.	lb.	.17½-	—
Carbinol (see Carbinol).			
Lactate, dms.	lb.	.22½-	—
Propionate, dms., dlvd.	lb.	.17 -	—
Stearate, dms.	lb.	.28 -	—
Butyric ether, bots.	gal.	6.60 -	6.95
cns., works	lb.	.65 -	.70
dms. frt. alld. Met. N. Y.	lb.	.60 -	—

C

Cadmium bromide, 100 lbs., works, frt. equal'd	lb.	1.66 -	—
50 lbs., works	lb.	1.71 -	—
25 lbs., works	lb.	1.76 -	—
5 lbs., works	lb.	1.91 -	—
Iodide, bots.	lb.	4.16 -	4.21
Jars	lb.	4.02 -	—
Lithopone (see Yellow).			
Metal, cs.	lb.	1.60	Nom.
Red (see Red).			
Selenide (see Red).			
Sulphide (see Yellow).			
Caffeine, 100 lb. dms., 10,000 lbs. or more	lb.	2.20 -	—
2,000 lbs., or more	lb.	2.25 -	—
1,000 lbs., or more	lb.	2.30 -	—
100 lbs.	lb.	2.35 -	—
25-lb. dms., 10,000 lbs., or more	lb.	2.23 -	—
2,000 lbs., or more	lb.	2.28 -	—
1,000 lbs., or more	lb.	2.33 -	—
100 lbs.	lb.	2.43 -	—
25 lbs.	lb.	2.55 -	—
10-lb. cns., 10,000 lbs., or more	lb.	2.25 -	—
2,000 lbs., or more	lb.	2.30 -	—
1,000 lbs., or more	lb.	2.35 -	—
100 lbs.	lb.	2.45 -	—
less than 100 lbs.	lb.	2.75 -	—
5-lb. cns., 25 lbs., or more,	lb.	2.70 -	—
less than 25 lbs.	lb.	2.85 -	—
Citrated, cns.	lb.	1.80 -	2.10
Hydrobromine, bots.	lb.	4.91 -	4.99
Calabar beans, bgs.	lb.	.25 -	.26
Calamus root, bleached, cs.	lb.	.45 -	.50
peeled, bls.	lb.	.10 -	.12
Calcium acetate, bgs., dlvd.	100 lbs.	1.65 -	—
Arsenate, dms., c.l., dealers, North and West	lb.	.06¾-	—
l.c.l., dealers	lb.	.07¼-	—
Southern cotton State, dealers, dms., c.l.	lb.	.06½-	—
l.c.l., dealers	lb.	.07 -	—
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.			
Bromide, 100 lbs., works, frt. equaled	lb.	.70 -	—
50 lbs., works	lb.	.72 -	—
25 lbs., works	lb.	.75 -	—
Carbide, dms.	lb.	.05 -	.06
Carbonate (see Chalk and Whiting).			
Chloride, flake, dom., 77-88%, paper bgs., c.l., dlvd.	ton.	23.00 -	36.00
burlap bgs., dms., c.l., dlvd.	ton.	23.50 -	36.50
l.c.l., 1 ton or over, dlvd.	100 lbs.	1.78 -	2.43
liquor, basis 40%, tanks, works	ton.	7.50 -	—
solid, dom., 73-75%, bgs., dms., c.l., dlvd.	ton.	21.50 -	34.50
l.c.l., 1 ton or over, dlvd.	100 lbs.	1.68 -	2.33
Gluconate, U.S.P., gran., powd., bbls., 125 lbs.	lb.	.50 -	—
dms.	lb.	.55 -	.57
cns.	lb.	.68 -	.85
Glycerophosphate, fib., dms., 1,000-lb. lots	lb.	1.00 -	—
smaller lots	lb.	1.15 -	—
cns., 25 lbs.	lb.	1.40 -	—
Hypophosphite, cns.	lb.	.62 -	.67
Iodide, bots., jars	lb.	3.70 -	3.85
Lactate, USP., bbls., 200 lbs.	lb.	.25 -	—
Nitrate, bgs., to fert. mfrs., ex vessel, Camden, N. J., or f.o.b. cars, So. Atlantic ports	ton.	28.00 -	—
Palmitate, bbls.	lb.	.22 -	.23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f. Atlantic ports, shipt.	unit-ton.	.74 -	—
tribasic, c.l., bbls., works.	lb.	.06¾-	—
l.c.l., bbls.	lb.	.07¼-	—
Resinate, precip., bbls., 1 ton,	lb.	.13 -	—
smaller lots	lb.	.14 -	—
Stearate, precip., bbls., ctns., c.l.	lb.	.19 -	—
l.c.l., 1 ton	lb.	.20 -	—
Sulphate (see Gypsum)			
Sulphide, 75% CaS (minus 100 mesh), c.l., works.	ton.	52.00 -	—
l.c.l., works	ton.	56.00 -	—
66/85 CaS, c.l., works	ton.	58.00 -	—
l.c.l., works	lb.	64.00 -	—
luminous, dom., tins, works, 100 lbs.		.75 -	—
Sulphocarbolate, bbls., 200 lbs.	lb.	.48 -	—
kgs., 100 lbs.	lb.	.50 -	—
Calendula flowers, bls.	lb.	.45 -	.50
Calomel, bbls., fib., dms., kgs., 50 lbs., or more	lb.	1.50 -	—
Camphor, natural, powd., cs.	lb.	.55 -	.56
slabs, cs.	lb.	.55 -	.56
tablets, tins	lb.	.60 -	.61
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs.	lb.	.50 -	—
500 lbs.	lb.	.51 -	—
100 lbs.	lb.	.52 -	—
tablets, imp., cs., 2,000 lbs.	lb.	.54 -	—
500 lbs.	lb.	.55 -	—
100 lbs.	lb.	.56 -	—
Monobromate, bxs., kgs.	lb.	1.75 -	1.80
Canada balsam (see Fir balsam)			

Canary seed, Argentine, bgs.	lb.	.0485-	.0510
Morocco, bgs.	lb.	.0485-	.0510
Turkish, bgs.	lb.	.0485-	.0510
Canella alba bark, bls.	lb.	.37 -	.38
Cantharides, Chinese, cs.	lb.	.65 -	.70
powd., bxs.	lb.	.90 -	.95
Russian, cs.	lb.	1.25 -	1.30
powd., bxs.	lb.	1.65 -	1.70
Capsicum (see Pepper, red).			
Caraway seed, Dutch, bgs.	lb.	.07 -	.07½
Carbazole, 70-80%, dms., works.	lb.	.60 -	—
90%, dms., works	lb.	.80 -	—
95%, dms., ton lots, works	lb.	.70 -	—
smaller quantities, works	lb.	.85 -	—
98.5-99%, dms., ton lots, works	lb.	.75 -	—
smaller quantities, works	lb.	.85 -	—
Carbinol, butyl, norm., dms., works	lb.	.60 -	—
small lots, works	lb.	.75 -	—
secondary, dms., works	lb.	.60 -	—
small lots, works	lb.	.75 -	—
Diethyl, dms., works	lb.	.60 -	—
small lots, works	lb.	.75 -	—
Isobutyl, 128-132°, dms., c.l., works	lb.	.32 -	—
l.c.l., works	lb.	.34 -	—
tanks, works	lb.	.32 -	—
Methylpropyl, dms., works	lb.	.60 -	—
small lots, works	lb.	.75 -	—
Dimethylethyl, dms., works.	lb.	.60 -	—
small lots, works	lb.	.75 -	—
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R.	lb.	.05 -	—
l.c.l., same basis	lb.	.05¾-	—
5-gal. dms., c.l., same basis,	lb.	.07 -	—
l.c.l., same basis	lb.	.08 -	—
tanks, same basis	lb.	.04½-	—
Dioxide, cyls.	lb.	.06 -	.08

Carbon, tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R.	lb.	.05¼-	—
l.c.l., same basis	lb.	.05¾-	—
10-gal. dms., c.l., (20 tons), same basis.	lb.	.07 -	—
l.c.l., same basis	lb.	.08 -	—
5-gal. dms. c.l. (20 tons), same basis.	lb.	.07 -	—
l.c.l., same basis	lb.	.08 -	—
tanks, same basis	lb.	.05 -	—
Fire extinguisher liquid. 2c. lb. higher.			
Cardamom, bleached, cs.	lb.	1.65 -	1.80
decorticated, cs.	lb.	1.30 -	1.40
green, bgs.	lb.	.87 -	.88
Carvol, bots.	lb.	4.00 -	—
Cascara sagrada bark, bulk.	lb.	.11¾-	13
Case-hardening mixture, 45%, gran., dms., l.c.l.	lb.	.11½-	—
lump, dms., l.c.l.	lb.	.10¾-	—
60%, lump, dms., l.c.l.	lb.	.09 -	—
Casein, dom., 20-30 mesh, bgs., c.l., dlvd.	lb.	.12 -	.13
5 tons, works	lb.	.13½-	—
smaller lots, works	lb.	.14 -	—
80-100 mesh, bgs., c.l., dlvd.,	lb.	.12½-	.13½
5 tons, works	lb.	.13½-	—
smaller lots, works	lb.	.14½-	—
Import, Argent., 20-30 mesh, bgs., c.l., duty pd.	lb.	.14 -	—
80-100 mesh, bgs., c.l., duty pd.	lb.	.14½-	—
French, 30 mesh, bgs., c.l., duty pd.	lb.	.17	Nom.
Cassia, Batavia, 1, bgs.	lb.	.17¼-	.17½
3, bls.	lb.	.09½-	.10
short stick, bls.	lb.	.12¾-	.13
China, rolls, select, cs.	lb.	.07 -	.07¼
broken, extra bls.	lb.	.05½-	.06
Saigon, bls.	lb.	.16 -	.16½

Cassia buds, cs.	lb.	.32 -	.33
Cassia fistula, bskts.	lb.	.11 -	.12
Castile soap, white, bars, cs., 40 lbs.		11.75 -	12.50
powd., bbls.	lb.	.28 -	.35
Castoreum, nat., cns.	lb.	15.00 -	18.00
synth., bots.	lb.	19.00 -	—
Castor oil (see Oil, castor).			
Pomace, dom., 5½% ammon., bgs., c.l., works.	ton.	21.00 -	—
import, bgs., c.i.f., ports., shipment.	ton.	22.00	Nom.
Catnep leaves, bls.	lb.	.18 -	.19
Celery seed, French, bgs.	lb.	.16½-	.16¾
Indian, bgs.	lb.	.14 -	.14½
Celluloid scrap (see Pyroxylin scrap).			
Cellulose acetate, flake, cs., works.	lb.	.40 -	—
Acetobutyrate, 501 lbs. and over, works.	lb.	.52 -	—
10. lbs., works.	lb.	.58 -	—
smaller lots, works.	lb.	.55 -	—
Cement, white, bbls. (4 bags), 5 tons, dlvd. N. Y.	bbl.	6.50 -	—
Cerium hydrate, dms., works.	lb.	.60 -	—
Oxalate, USP, bbls., works.	lb.	.35 -	—
kgs., works.	lb.	.37 -	—
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works.	lb.	.02¾-	—
cks., 250 lbs., c.l., f.o.b., works.	lb.	.03¼-	—
Chamomile flowers, Hungarian, genuine, cs.	lb.	.24 -	.25
Roman, bls.	lb.	.24 -	.25
Charcoal, softwood, powd., bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va.	ton.	30.40 -	—

Carbon Tetrachloride

by the quart or the tank-car

Carbon Tetrachloride is supplied by this Company in various sized containers: 8,000 gallon tank-cars; returnable drums holding 60, 120, 700, and 1,400 pounds; non-returnable drums holding 60, 120, and 700 pounds; gallon cans packed 6 to the case; and quart cans packed 12 to the case.

Whether you use it as a cleaning and degreasing agent, as a solvent for extraction purposes, in the manufacture of rubber products, as an intermediate in organic synthesis, or simply as a laboratory reagent—you will find the Carbon Tetrachloride supplied by this Company to be of dependable purity.

Our highly specialized technical service is always available to help our customers with difficult problems.

A few of the Pennsylvania Salt Manufacturing Company Products:

LIQUID CHLORINE

CAUSTIC SODA

KRYOLITH
(Natural Greenland Cryolite)

BLEACHING POWDER
(Chloride of Lime)

ANHYDROUS SODIUM ORTHOSILICATE

CARBON BISULPHIDE

CHEMISTRY
THE KEYSTONE OF INDUSTRY

PENNSYLVANIA SALT MANUFACTURING COMPANY
ESTABLISHED 1850
WIDENER BLDG., PHILADELPHIA, PA.
OFFICES: NEW YORK · CHICAGO · ST. LOUIS · PITTSBURGH · TACOMA · WYANDOTTE

TRADE MARK

PENNSYLVANIA SALT
Chemicals

Charcoal, soft wood, powd., bgs., c.l., dlvd., Colo....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.30.80 - —
Ill., (except river points), Minn., Neb., Wis. .....ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex. ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn.....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works, lb. .02125- —
l.c.l., bbls., works.....lb. .0225- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton. 9.50 -15.50
bulk, c.l., works...ton. 6.50 - —
99.75% 200 mesh, bgs., c.l., works..ton. 8.00 - —
l.c.l., works.....ton. 9.00 -15.00
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works ton. 9.00 - —
paper bgs., c.l., works, ton.12.00 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs. .....lb. .86 - .95
100 lbs. .....lb. .88 - .97
25 lbs. .....lb. .90 - .99
1-10 lbs. .....lb. .95 - 1.02
dms., 1,000 lbs. .....lb. .80 - —
500 lbs. .....lb. .83 - —
100 lbs. .....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y..lb. .05½- —
contracts, dlvd., N.Y...lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald.100 lbs. 2.30 - —
tanks, multiple unit, 2, works, frt. equald..100 lbs. 2.55 - —
1, works, frt. equald... 100 lbs. 3.00 - —
Chloroacetophenone, tins,works.lb. 3.00 - 3.50
Chloroform, tech., 650-lbs. drums, lb. .20 - —
100-lbs. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, comi., 185-lb. cyls., works..lb. .80 - —
5-lb. cyls., same basis....lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8% cr., bbls.....lb. .05 - .08
Cake, bulk., c.l., works...ton.15.00 -16.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns.....lb. 3.25 - 3.50
Cinchona bark, chips, bgs.....lb. .18 - .19
high test, bgs.....lb. .37 - .38
quills, broken, bgs.....lb. .18 - .19
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns..100 ozs.oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .53 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns..100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.f.c. cbys.....lb. 1.40 - 1.45
Cinnamon, Ceylon, 2, bls.....lb. .16½- .16¾
3, bls. .....lb. .15½- .15¾
Citral, bots., cns.....lb. 1.70 - 3.15
Citrine ointment, jars, tubes.lb. .75 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.75 - 1.80
Clove, Madagascar, bls.....lb. .15¾- .16
Zanzibar, bls.....lb. .16¼- .16½
Clover tops, bgs .....lb. .14 - .15
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works...bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.00 - —
refd., dms., c.l., works...dm. 8.25 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .66 - .68
Carbonate, tech., bbls., dlvd.lb. 1.63 - —
Chloride, dms., works.....lb. 1.03 - 1.18
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms...lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .26 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate fused, A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
8½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs..... lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .18 - .20
Cocoa butter, lumps, bgs, c.l..lb. .14½- .15½
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns..100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .08 - .09
Blue, root, bls.....lb. .07 - .07½
Colchicine, bots., 4 ozs.....oz.25.00 - -
single ozs.....oz.26.00 - —
Colchicum seed, bgs.....lb. .25 - .27
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .32 - .35
Colombo root, bls.....lb. .18 - .20
Coltsfoot leaves, bgs.....lb. .07 - .08
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .18 - .19
Copaiba, balsam, Para, cns...lb. .33 - .34
S.A., USP, cns.....lb. .35 - .36
Copper acetate, normal, bbls., c.l., works..lb. .23 - —
l.c.l., bbls.....lb. .25 - —
Carbonate, 52-54%, bbls.....lb. .15¾- .16¾
18-20%, bbls.....lb. .10¼- .12
Chloride, bbls.....lb. .15 - .17
Cyanide, tech., bbls.....lb. .37 - .39
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .10¾- .11
Nitrate, cryst., bbls.....lb. .15 - —
Oleate, percip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .17 - —
smaller lots, works....lb. .17½- —
red, com'l, 50-75%, kgs., f.o.b. N.Y..lb. .19775- —
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast....lb. .0225 Nom.
Coriander seed, Morocco, bgs..lb. .06¾- .07¼
bleached, bgs. .....lb. .08¼- .08½
Corn sugar, tanners, bbls., c.l., dlvd..100 lbs. 3.15 - —
ex whse.....100 lbs. 3.25 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.11 - —
43°, bbls., c.l. .....100 lbs. 3.16 - —
Cornsilk, bls. .....lb. .07 - .08
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 1.30 - —
gran., powd., dms., 50 lbs. or more..lb. 1.15 - —
Cottonroot bark, bls.....lb. .13 - .14
Cottonseed hull ash, 25-30% pot-ash, bulk, dlvd..unit-ton. 1.05 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 3.00 - —
5-lb. cns.....lb. 3.10 - —
1-lb. cns.....lb. 3.25 - —
1-oz. cns.....lb. 3.60 - —
less than 5 lbs., cns.....lb. 4.15 - 4.45
Cramp bark, genuine, bls.....lb. .25 - .26
so-called, bls. .....lb. .07 - .08
Cranesbill root, bls. .....lb. .16 - .20
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .19¾- —
smaller lots, bbls.....lb. .20¼- —
kgs. .....lb. .20¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms. .....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Creosote, oil, crude, tanks, works, gal. .13½- .14
Coaltar solution, tanks, works gal. .118 - .128
refd., bbls., c.l., works...gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .12 - —
l.c.l., same basis.....lb. .12½- —
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., f.o.b., (N.Y.C., frt., equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .28 - —
2,000 lbs. to 10,000 lbs..lb. .29 - —
1,000 lbs. to 2,000 lbs..lb. .31 - —
200 lbs. to 1,000 lbs..lb. .33 - —

4% rotenone prices are 4½c. per lb. less.

Cube root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.

Cubeb berries, XX, bgs.....lb. .32 - .33
powd., cs.....lb. .34 - .35
Culver's root, bls.....lb. .18 - .20
Cumin seed, Algerian, bgs....lb. .09 - .09½
Indian, bgs..... .....lb. .10 Nom.
Morocco, bgs..... .....lb. .09¼- .09½
Cutch, Philippine, bls. c.l...lb. .04 - —
Cyanamide, 21-22% N., pulv., bgs., dlvd., contrs., NH₃ unit.. 1.15 - -
Cyanide-chloride, mixture, 75%, gran., dms..lb. .16 - .17
lump, dms .....lb. .14 - .15

D

Damiana leaves, bls.....lb. .17 - .18
Dandelion root, German, bls..lb. .20 - .21
Deertongue leaves, bls.....lb. .13 - .15
Degras, common, dom., bbls..lb. .08 - .08¼
English, bbls.....lb. .08 - .08¼
neutral, dom., bbls.....lb. .11 - .15
English, bbls.....lb. .11 - .15
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .39 - —
2,000 lbs., to 10,000 lbs..lb. .40 - —
1,000 lbs., to 2,000 lbs..lb. .41½- —
200 lbs., to 1,000 lbs..lb. .43 - —

4% rotenone prices are 6c. per lb. less

Derris root, powd., contracts accepted for delivery only up to September 30, 1935. No protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.

Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.75 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.95 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.50 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.70 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.45 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.65 - —
Potato, import, bgs.....lb. .07¾- .08¼
Tapioca, bgs., ex whse.....lb. .08 Nom.
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd..lb. .20¼- —
l.c.l., dlvd.....lb. .21 - —
tanks, dlvd.....lb. .19½- —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works., lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -35.00
l.c.l., ex whse.....ton.45.00 -150.00
import, bgs., c.l., c.i.f.....ton.30.00 - —
Dibutylamine, dms., l.c.l., works, lb. .55 - —
Dibutyl phthalate, dms.....lb. .21 - —
Tartrate, dom., dms.....lb. .35 - .40
import., dms.....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichloroethyl ether, dms., c.l. works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Diethanolamine, dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .27 - —
tanks, works.....lb. .25 - —
Diethyl carbonate, coml., dms..lb. .21½- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l.....lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylaniline, dms.....lb. .50 - —
Diethyleneglycol, dms., c.l., works, lb. .22 - —
l.c.l., works.....lb. .23 - .26
Monobutylether, dms., works.lb. .26 - .27
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Digitalis leaves, dms.....lb. .60 Nom.
Diglycol oleate, light, bbls....lb. .21 - .24
Dillseed, recleaned, bgs.....lb. .07 - .07½
Dimethyl phthalate, dms.....lb. .21 - —
Dimethylanilin, dms.....lb. .26 - .27
Dimethylethyl carbinol (see Carbinol).
Dinitrobenzene, bbls.....lb. .16 - .18
Dinitrochlorobenzene, bbls.....lb. .14 - .15
Dinitronaphthalene, kgs.....lb. .25 - .28
Dinitrophenol, bbls.....lb. .23 - .24
Dinitrotoluene, dms.....lb. .14½- .15½
oily, dms.....lb. .09 - —
Diorthotoluoiguanidin, dms, 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls, c.l., works....lb. .15 - —
l.c.l., works.....lb. .20 - .25
Oxide, cns.....lb. .60 - .62
Diphenylamine, bbls.....lb. .21 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton.34.00 Nom.
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, dom., bls.....lb. .07 - .08
Jamaica, bls.....lb. .07 - .08
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .85 - .90
Duboisine sulphate, vis.....oz.34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
26 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
163 Lake red C.....lb. 1.00 - —
176 Fast red A.....lb. .60 - .75
189 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 2.00 - 2.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct cast scarlet.....lb. 2.00 - 2.25
364 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.20
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .90 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.20
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 2.00
812 Primulin .....lb. .50 - .53
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble)..lb. .35 - .50
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black .....lb. .20 - .25
Sulphur blue .....lb. .40 - 1.00
Sulphur brown .....lb. .25 - .50
Sulphur maroon .....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan .....lb. .30 - .50
Sulphur yellow .....lb. .30 - .50
Zambesi black .....lb. .75 - .80
Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
78 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil p'nk) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
690 Oil violet .....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OG.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —

Charcoal—Ethylcellulose

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Blue:—
720 Victoria blue .....lb. 2.85 - —
860 Indulin .....lb. .70 - —
Brown:—
831 Bismarck brown ....lb. 1.60 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .96 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 3.00 - —
Violet:—
680 Methyl violet.....lb. 1.00 - —
Water-soluble (prices in barrels of 250 lbs each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or ware house).
Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin .....lb. .34 - —
873 Methylene gray ....lb. 1.50 - —
Blue:—
714 Patent blue A .....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .37 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue ....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.00 - —
1180 Indigotin IA.....lb. .35 - —
Brown:—
234 Resorcin brown Y...lb. .45 - —
235 Resorcin dark brown R, lb. .90 - —
281 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .27 - —
798 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .55 - —
924 Methylene green B..lb. 1.55 - —
1076 Alizarin cyanin green, lb. 2.35 - —
Orange:
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
101 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G, lb. .42 - —
37 Amidonaphthol red 6B, lb. .60 - —
70 Ponceau R .....lb. .48 - —
88 Fast red B .....lb. 1.05 - —
176 Fast red A .....lb. .54 - —
179 Azorubin .....lb. .53 - —
188 Crocein scarlet 8BX..lb. .60 - —
185 Cochineal red A....lb. .60 - —
352 Brilliant crocein M..lb. .65 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B .....lb. 3.50 - —
752 Rhodamine 6G .....lb. 4.50 - —
768 Eosin G .....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B....lb. .75 - —
681 Crystal violet C....lb. 1.75 - —
696 Acid violet 4BN....lb. .85 - —
Yellow:—
19 Naphthol yellow S...lb. .85 - —
158 Metanil yellow .....lb. .65 - —
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .36 - .37
Egg albumen (see Albumen).
Yolk, dom., cs.....lb. .68 Nom.
import, cs.....lb. .60 Nom.
Elder flowers, bright, bls.....lb. .22 - .23
dark, bls.....lb. .20 - .21
Elecampane root, bls.....lb. .11 - .12
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .40 - .42
Emetine hydrochloride, bots...oz.17.00 -18.00
Ephedra, bls.....lb. No offers
Ephedrine, tins, 100 ozs.....oz. No prices.
Hydrochloride, tins, 100 ozs..oz. No prices.
Sulphate, cryst., tins, 100 ozs.oz. No prices.
powd., tins., 100 ozs.....oz. No prices.
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls.....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
bbls., c.l.....lb. 2.10 - —
l.c.l., 5,000 lbs. 1 withdrawal..lb. 2.35 - —
smaller lots .....lb. 2.60 - —
kgs., c.l. .....lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.60 - —
smaller lots .....lb. 2.85 - —
dried, dom., bgs., l.c.l...lb. .08 - .10
Ergot, USP, cs., dms.....lb. 1.50 - 1.60
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.29.00 -30.00
Sulphate, bots.....oz.30.00 - —
Ether, acetic, dms., 400 lbs...lb. .09 - —
cns., 35 lbs.....lb. .14 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .09 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1890, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .07½- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½- —
anhyd., dms., c.l., frt. alld.lb. .08½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt. alld.....lb. .07½- —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, cns.....lb. 3.40 - 4.35
Crotonate, dms., works.....lb. 1.00 - 1.25
Formate, dms.....lb. .27 - .33
Iodide, bots.....lb. 4.85 - 4.90
Lactate, 55-gal. dms., works.lb. .33 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .30 - .34
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld. lb. .70 - —
100 lbs., frt. alld.....lb. .75 - —
smaller lots, works.....lb. 1.00 - —

Ethylene Brom.—Green, Chrome

Ethylene bromide, dms.	lb.	.65 - .70
Dichloride, dms, c.l., works, E. of Rockies, frt. alld.	lb.	.0645- —
West of Rockies, same basis.	lb.	.0595- —
Ethylene dichloride, l.c.l., dms., works, E. of Rockies, frt. alld.	lb.	.0644- —
West of Rockies, same basis.	lb.	.0694- —
Ethyleneglycol, dms., c.l.	lb.	.17 - —
l.c.l.	lb.	.18 - .21
tanks	lb.	.16 - —
Monobutylether, dms., c.l., works	lb.	.20 - —
l.c.l., works	lb.	.21 - .24
tanks, works	lb.	.19 - —
Monoethylether, dms., c.l., works	lb.	.16 - —
l.c.l., works	lb.	.17 - —
tanks, works	lb.	.15 - —
Monoethylether acetate, dms., c.l., works	lb.	.14 - —
tanks, works	lb.	.13 - —
Monomethylether, dms., c.l., works	lb.	.18 - —
l.c.l., works	lb.	.19 - .22
tanks works	lb.	.17 - —
Ethylidinamiin, dms.	lb.	.45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.,	lb.	.07 - —
l.c.l., same terms	lb.	.07½- —
tanks, same terms	lb.	.06 - —
Ethylorthoparatoluenesulphonamide,	bbls.	.55 - —
Ethylparatoluenesulphonamide,	bbls.	.60 - —
Eucalyptol, cns., dms.	lb.	.55 - .60
Eucalyptus leaves, bls.	lb.	.09 - .10
Eugenol, bgs., cns.	lb.	2.10 - 2.55
Euphorbia, bls.	lb.	.06 - .06½

F

Feldspar, enamel, 100 mesh, bulk, works.	ton.	14.00 -15.00
glass, 20 mesh, bulk, works.	ton.	11.00 -12.25
pottery, bulk, Me. works.	ton.	17.00 -19.00
N.C. works	ton.	17.00 -19.00
Fennel seed, French type, bgs.,	lb.	.07½- .08
Indian, bags.	lb.	.07½- .07¾
German, large, bgs.	lb.	.18 - .19
small, bgs.	lb.	.13 - .14
Fenugreek seed, bgs.	lb.	.04 - .04½
Ferric sulphate, dms., works.	ton.	35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works	lb.	.14½- —
smaller lots, E. works.	lb.	.15 - —
light, cs., 1,000 lbs. or over, works.	lb.	.15 - —
smaller lots, E. works.	lb.	.15 - —
water white, cs., 1,000 lbs. or over, E. works.	lb.	.16 - —
smaller lots, E. works.	lb.	.17 - —
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.		
Fir balsam, Canada, cns.	gal.	16.00 -17.00
Oregon, bbls.	gal.	1.35 - 1.40
Fish berries, bgs.	lb.	.09 - .10
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures, unit-ton.		No prices.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto.	ton.	53.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. est. factories, contracts.	unit-ton.	2.90 & .50 Nom.
Fish scrap, sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, Dec.-Jan. shipt.	ton.	46.00 - —
spot	ton.	45.00 - —
Flake white, bbls., kgs.	lb.	.08½- .08¾
Fleaseed, French, black, bgs.	lb.	.10 - .11
Indian, blonde, bgs.	lb.	.10½- .11
Fluorspar, enamel, 96-98%, bgs.,	ton.	33.00 - —
Standard, gravel, washed, 85 and 5% dom., bulk, f.o.b. Ill., Ky. mines.	ton.	20.00 -21.50
Import, bulk, Atlantic ports, duty-paid.	ton.	23.00 -23.50
lump, 85 and 5, dom., bulk., f.o.b. Ill., Ky., mines.	ton.	21.00 -22.50
powd., 97%, import., bgs., Atlantic ports, duty-paid.	ton.	No prices.
Formaldehyde, bbls., c.l., works,	lb.	.05¾- —
l.c.l., works.	lb.	.06¼- —
dms., c.l., works.	lb.	.05½- —
l.c.l., works.	lb.	.06¾- —
tanks, works.	lb.	.04½- —
Fringetree bark, bls.	lb.	.14 - .15
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines.	ton.	10.00 - —
import., bgs., c.l., ex dock.	ton.	23.00 - —
l.c.l., ex whse.	ton.	30.00 - —
Furfural, refd., dms., c.l., works,	lb.	.15 - —
l.c.l., works.	lb.	.17½- .25
tech., dms., contracts, 150,000 lbs., works.	lb.	.10 - —
c.l., works.	lb.	.12½- —
l.c.l., works.	lb.	.15 - .20
tanks, works.	lb.	.09 - —
Fusel oil, refd., dms., incl., dlvd.,	lb.	.16 - .18
Fustic extract, cryst., bbls.	lb.	.22 - .26
liquid, bbls.	lb.	.09½- .13
solid, dms.	lb.	.17½- .19¼

G

G salt bbls.	lb.	.45 - .48
Galangal root, bls.	lb.	.11 - .12
Gall extract, bbls.	lb.	.19 - .20
Gambier, common, bgs.	lb.	No prices.
plantation, bgs.	lb.	.08¾- .09
Cubes, Singapore, bgs.	lb.	.10½- —
Extract, bbls.	lb.	.08½ Nom.
Gasoline, at refinery:— Bayonne, US motor, below 60 octane, tanks.	gal.	.07¼- —
60-65 octane, tanks.	gal.	.07½- .07¾
above 65 octane, tanks.	gal.	.07½- —
California, 54-58, tanks.	gal.	.07¼- .08½
Gasoline, at refinery, Gulf Coast, US motor, bulk.	gal.	.05¼- —
60-62, 390 e.p., bulk, export,	gal.	.05¾- —
60-62, 400 e.p., bulk, export,	gal.	.05¾- —
64-66, 375 e.p., bulk, export,	gal.	.05¾- .05½
Louisiana-Arkansas, US motor, 62 octane, tanks.	gal.	.05½- —
63-66 octane, tanks.	gal.	.05¾- .06
67-69 octane, tanks.	gal.	.06¼- .06¾
70-72 octane, tanks.	gal.	.06½- —
Oklahoma-Texas, US motor, 62 octane and below, tanks.	gal.	.04 - .04¼
third grade, tanks.	gal.	.04 - .04¼
63-66 octane, tanks.	gal.	.04¾- .05
67-69 octane, tanks.	gal.	.05 - .05¼
70-72 octane, tanks.	gal.	.05¼- .05¾
natural, 14-lb. v. p., tanks,	gal.	.05¼- .05¾
18-lb. v.p., tanks.	gal.	.04¾- .04¾
22-lb. v.p., tanks.	gal.	.04¼- .04½
26-70 lb., v.p., tanks.	gal.	.03¾- .04
Pennsylvania, US motor, below 60 octane, tanks.	gal.	.05¾- .05¾
60 octane, tanks.	gal.	.07¾- .07¾
52-54, 450 e.p., naphtha, tanks.	gal.	.05¾- .06
54-56, 400 e.p., strt., run, tanks.	gal.	.05¾- .06¼
Gelatin, silver, cs.	lb.	.45 - .50
Gelsemium root, bls.	lb.	.13 - .14
Gentian root, bls.	lb.	.13 - .14
grd., bbls., bxs.	lb.	.15 - .16
powd., bbls., bxs.	lb.	.16 - .17
Geraniol, cns., dms.	lb.	.75 - 3.00
Geranyl acetate, bots., dms.	lb.	1.75 - 2.50
Ginger root, African, bgs.	lb.	.14¾- .15
Cochin, lemon, bgs.	lb.	.14½- .15
Jamaica, bold, bgs.	lb.	.16¾- .17
grinding, bright, bgs.	lb.	.15 - .15½
medium, bold, bgs.	lb.	.15¼- .15¾
Japanese, bgs.	lb.	.16 - .16½
Ginseng fibers, cs.	lb.	1.75 - 3.00
Root, cultivated, cs.	lb.	10.00 -11.00
wild, Southern, cs.	lb.	6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate). cryst., dom., bgs., bbls., c.l., works.	100 lbs.	.95 - 1.15
5 tons or over, works.	100 lbs.	1.05 - 1.25
less than 5 tons, works.	100 lbs.	1.15 - 1.35
import., bgs.	100 lbs.	1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd.	lb.	.14 - —
l.c.l., dlvd.	lb.	.14½- —
36/58, bgs., c.l., dlvd.	lb.	.14⅝- —
l.c.l., dlvd.	lb.	.15 - —
58/82, bgs., c.l., dlvd.	lb.	.15½- —
l.c.l., dlvd.	lb.	.16 - —
82/108, bgs., c.l., dlvd.	lb.	.16 - —
l.c.l., dlvd.	lb.	.16¼- —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest.	lb.	.16½- —
l.c.l., same basis.	lb.	.17 - —
60/164, bgs., c.l., same basis.	lb.	.18 - —
l.c.l., same basis.	lb.	.18½- —
67/192, bgs., c.l., same basis.	lb.	.19 - —
l.c.l., same basis.	lb.	.19½- —
75/222, bgs., c.l., same basis	lb.	.20 - —
l.c.l., same basis.	lb.	.21 - —
83/251, bgs., c.l., same basis.	lb.	.21 - —
l.c.l., same basis.	lb.	.22 - —
92/283, bgs., c.l., same basis.	lb.	.22 - —
l.c.l., same basis.	lb.	.23 - —
102/315, bgs., c.l., same basis	lb.	.22½- —
l.c.l., same basis.	lb.	.23½- —
113/347, bgs., c.l., same basis	lb.	.23½- —
l.c.l., same basis.	lb.	.24½- —
125/379, bgs., c.l., same basis	lb.	.24½- —
l.c.l., same basis.	lb.	.25½- —

Glue prices for barrel packing, ¼c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.

Glycerin, C.P., makers, cns., l.c.l.	lb.	.21½- .22
dms., extra, c.l.	lb.	.19½- —
l.c.l.	lb.	.20 - —
dynamite, dms., extra, c.l.	lb.	.19½- —
l.c.l.	lb.	.20 - —
saponification, basis 88%, dms., returnable, dlvd.	lb.	.11½- .12
soapiye, basis 80%, dms., returnable, dlvd.	lb.	.10½- .11
yellow, distilled, dms., extra, c.l.	lb.	.21¾- —
l.c.l.	lb.	.21¾- —
Glycol boriborate, dms.	lb.	.26 - —
Phthalate, dms.	lb.	.40 - —
Stearate, dms.	lb.	.27½- —
Gold, U.S. purchase price.	oz.	35.00 - —
Chloride, acid brown, bots.	oz.	20.75 -21.00
yellow, bots.	oz.	18.75 -19.00
Gold-soda chloride, photo., bots.,	oz.	13.00 - —
U.S.P. IX, bots.	oz.	14.50 -14.75
Gold of pleasure seed, bgs.	lb.	.16 .16½
Golden seal root, bls.	lb.	3.60 - 3.65
powd., bxs.	lb.	3.75 - 3.80
Grains of paradise, bgs.	lb.	.35 Nom.
Graphite, flake (cryst.), 90% 325 mesh, 80% graphitic carbon, bgs., c.l., works.	lb.	.06 - —
bbls., c.l., works.	lb.	.06¼- —
l.c.l., works	lb.	.06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works.	lb.	.02½- —
bbls., c.l., works.	lb.	.02¾- —
l.c.l., works.	lb.	.03¼- —
80% graphitic carbon, bgs., c.l., works.	lb.	.03¼- —
bbls., c.l., works.	lb.	.03¾- —
l.c.l., works.	lb.	.04½- —
Grease, house, trcs.	lb.	.04¾- .05
White, trcs.	lb.	.06¾- .07¼
Yellow, trcs.	lb.	.04¾- .05
Wool (see Adeps lanae and Degras).		
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	.21 - —
6-10%, bbls., same basis.	lb.	.22 - —
11-15%, bbls., same basis.	lb.	.23 - —
16-20%, bbls., same basis.	lb.	.23½- —
21-25%, bbls., same basis.	lb.	.24 - —
26-30%, bbls., same basis.	lb.	.24½- —

INTRODUCING 2 OUTSTANDING NEW PARA TONERS

HERE ARE two remarkable new Para Toners which already many paint manufacturers are using in preference to other organic reds—because no organic reds on the same cost basis will produce equal values in opacity, permanency on exposure, brilliance, range of shade, and durability of film... when considered collectively.

Para Toner Y RT-435-D is a very economical red in formulations which do not require baking values and non-bleeding characteristics. It is light, bright, and clean in masstone and overtone...strong, clean, and yellow in tint. Specific gravity is slightly higher than other Paras of its type...resulting in a higher gallonage yield and a reduced tendency to settle.

Para Toner B RT-442-D is a companion product to the above, characterized by the same high qualities. Compared to our prior releases, it is brighter and richer in masstone...and yellower and cleaner in tint, with a 20% increase in strength. And no other Para Toner of this type commercially available produces a better degree of opacity.

Both of these Para Toners are substantially ashless, and consequently ideal for specification work.

We suggest that you write for our booklet, "PARA TONERS," which will give you more of the information you would like to have before applying these outstanding new Para Toners to actual production problems.

KREBS
REG. U.S. PAT. OFF.
PIGMENTS FOR PAINT

KREBS PIGMENT & COLOR CORP....1007 Orange Street, Wilmington, Delaware

Green, chrome, C. P., dark, light, medium, blue content, 31-35%, bbls., same basis. lb. .25½- —
36-40%, bbls., same basis.lb. .27 —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —

Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

reduced, C.P. color content up 5%, bbls., same basis..lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07½- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14½- —
41-45%, bbls., same basis.lb. .16½- —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
Chrome, oxide, dom., pure.bbl. .21 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works.....lb. .30 - —
standard grade, bbls., works..lb. .19 - .20
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P)
Tungstated, brilliant, kgs...lb. 3.75 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V)

Green dyes are listed under Dyes.

Grindelia robusta, bls.....lb. .06½- .10
Guaiac resin, cs.....lb. .27 - .28
strained, cs.....lb. .90 - 1.00
Wood, bls.....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.55 - 1.70
Carbonate, flb, dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs.....lb. 1.25 - 1.30
Gum, aloe (see A).
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .11¾- .12
white, sorts, 1, bgs.....lb. .24 - .25
2, bgs.....lb. .22 - .22
powd., bbls.....lb. .15 - .16
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.65
Sumatra, cs.....lb. .15 - .25
Camphor (see C)
Chicle, bgs.....lb. .40 - .45
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .46 - —

Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ¼c. higher for 1-9 bgs.

2, cloudy, white, bgs., c.l., same basis..lb. .31¾- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .30 - —
4, pale bold straw, bgs., c.l., same basis..lb. .20¾- —
5, pale straw bold, bgs., c.l., same basis..lb. .15¾- —
6, pale amber bold, bgs., c.l., same basis..lb. .15¾- —
7, pale straw bold, bgs., c.l., same basis..lb. .14¾- —
8, light amber bold, bgs., c.l., same basis..lb. .13¾- —
9, medium light amber bold, bgs., c.l., same basis..lb. .11¼- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .10¾- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .08¾- —
12, selected bold sorts, bgs., c.l., same basis..lb. .08 - —
13, dark sorts bold, bgs., c.l., same basis..lb. .06¼- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .19¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .08¼- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .06¼- —
17, pale fingers, bgs., c.l., same basis..lb. .18¾- —
18, pale straw nubs, bgs., c.l., same basis..lb. .13¾- —
19, pale straw nubs, bgs., c.l., same basis..lb. .12¼- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .00¼- —
21, ordinary selected nubs, c.l., same basis..lb. .08¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .07¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .07¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .16¾- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .07¾- —
26, pale bold chips, bgs., c.l., same basis..lb. .06¼- —
27, pale small chips, bgs., c.l., same basis..lb. .05½- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .05 - —
East India, Batu, bold scraped, bgs., c.l., same basis..lb. .06 - —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03½- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06¾- —
unscraped, bgs., c.l., same basis..lb. .04¼- —
nubs and chips, bgs., c.l., same basis..lb. .04½- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .13 - —
chips, bgs., c.l., same basis..lb. .05¾- —
dust, bgs., c.l., same basis, lb. .03¾- —
nubs, bgs., c.l., same basis..lb. .10¾- —
Singapore Rasak, bold, bgs., c.l., same basis..lb. .15¾- —
chips, bgs., c.l., same basis, lb. .04¾- —
dust, bgs., c.l., same basis.lb. .03¾- —
nubs, bgs., c.l., same basis.lb. .10¾- —
Manila, Borneo, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .13½- —

Gum, copal, Manila, Loba A, bskts., c.l., same basis..lb. .12 - —
B, bskts., c.l., same basis.lb. .11½- —
C, bskts., c.l., same basis.lb. .11¼- —
CNE, bskts., c.l., same basis..lb. .07¾- —
D, bskts., c.l., same basis, lb. .09¾- —
DK, bskts., c.l., same basis, lb. .07¾- —
DU, bskts., c.l., same basis, lb. .08¾- —
dust, bskts., c.l., same basis, lb. .06¾- —
Sambas and white split chips, bskts., c.l., same basis..lb. .14¾- —
Singapore, dust, bskts., c.l., same basis..lb. .06¾- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .08¾- —
DBB, bskts., c.l., same basis..lb. .08¾- —
MA, bskts., c.l., same basis, lb. .07½- —
MB, bskts., c.l., same basis, lb. .06¾- —
WS, bskts., c.l., same basis, lb. .08¾- —
Philippine Manila, amber sorts, bskts., c.l., same basis...lb. .07¾- —
chips, pale, bskts., c.l., same basis..lb. .08¾- —
small, bskts., c.l., same basis..lb. .07¾- —
extra pale sorts, bskts., c.l., same basis..lb. .09¼- —
nubs, bskts., c.l., same basis..lb. .11¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .06½- —
Pontianak, bold, genuine, bgs., same basis..lb. .16¼- —
mixed, bgs., c.l., same basis..lb. .14 - —
chips, bgs, c.l., same basis..lb. .10¼- —
split, bgs., c.l., same basis, lb. .14¾- —
nubs, bgs., c.l., same basis.lb. .12¾- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .25½- —
A/D, cs., c.l., same basis.lb. .20¾- —
A/E, cs., c.l., same basis.lb. .17¼- —
B, cs., c.l., same basis...lb. .24 - —
C, cs., c.l., same basis...lb. .20¾- —
D, cs., c.l., same basis...lb. .17¼- —
dust, cs., c.l., same basis.lb. .06¾- —
E, cs., c.l., same basis...lb. .08½- —
F, cs., c.l., same basis...lb. .07¼- —
Singapore, 1, cs., c.l., same basis..lb. .21½- —
2, cs., c.l., same basis....lb. .16¼- —
3, cs., c.l., same basis....lb. .05¾- —
chips, cs., c.l., same basis.lb. .13½- —
dust., cs., c.l., same basis.lb. .05¾- —
seeds, cs., c.l., same basis.lb. .09½- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., c.l., dlvd.....lb. .09½- —
l.c.l., dlvd.....lb. .09¾- .10
Euphorbium, cs.....lb. .17 - .18
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .80 Nom.
powd., bbls.....lb. .85 Nom.
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya XXX, bbls., bxs., dms..lb. .27 - .30
XX, bbls., bxs., dms.....lb. .18 - .19
1, bbls., bxs., dms.....lb. .12 - .13
2, bbls., bxs., dms.....lb. .11 - .12
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
50% chips, cs., c.l., same basis..lb. .13¾- —
pale, XXX, cs., c.l., same basis..lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins.....lb. 2.00 - 2.10
Mastic, cs., c.l., same basis as copal..lb. .55 - .56
Myrrh, USP, cs.....lb. .36 - .37
Olibanum, siftings, cs.....lb. .07½- .18
tears, cs.....lb. .13 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as copal..lb. .25 - .26
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .24 - .25
sorts, bgs.....lb. .11¾- .12
Talha, bgs.....lb. .07½- .08
Thus, bbls.....280 lbs. 12.75 -14.00
Tragacanth, Aleppo, 1, cs....lb. 2.75 - 3.00
2, cs.....lb. 2.40 - 2.45
3, cs.....lb. 2.35 - 2.40
4, cs.....lb. 2.30 - 2.35
5, cs.....lb. 2.25 - 2.30
Flake, bgs.....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .06½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
Plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans., Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald, ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
import, bxs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 1.80 - 2.00
Hellebore, white, root, powd., bbls.lb. .12 - .18
Helonias root, bls.....lb. .70 - .75
Hematine crystals, bbls.....lb. .18 - .24
Hemlock extract, 25% tan., bbls.lb. .03 - .06½
Hempseed, Manchur, bgs.....lb. .06½- .07
Henbane leaves, bls.....lb. .20 - .21
Henna leaves, bls.....lb. .07½- .09
powd., bbls, hxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .12 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 86-100°., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
Hexalin, dms.....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs. or more, shipments, same basis, lb. .46 - —
100 to 400 lbs. shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .12 - —
Homatropine hydrobromide, bots., 50 ozs...oz.13.00 - —
25 ozs.....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.20 - —
Hops, dom., 1936 crop, bls...lb. .46 - .51
import., 1936 crop, bls.....lb. .55 - .70
Horehound, bls.....lb. .15 - .16
Hydrangea root, bls.....lb. .12 - .13
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs...oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.25 - —
cns., 16 ozs.....oz.19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
flb. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. R.lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.18.00 -19.00
Hyoscyamine, bots.....oz.15.00 - —
Hydrobromide, bots.....oz.15.00 - —
Sulphate, bots.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .16 - .21
solid, bxs.....lb. .18¼- .20¼

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .16¼- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.15 - —
kgs, 150 lbs.....lb. .90 - —
resubl., bots., 5 lbs.....lb. 1.60 - —
jars, 50 lbs.....lb. 1.50 - —
tincture, USP, bbls., 47 gals., gal. 1.55 - —
cbys., 5 gals.....gal. 1.65 - —
mild, bbls., 47 gals.....gal. .80 - —
cbys., 5 gals.....gal. .90 - —
Iodoform, dms., 100 lbs.....lb. 3.75 - —
jrs., 25 lbs.....lb. 3.85 - —
Ionone, bots.....lb. 1.30 - 4.05
Ipecac root, bgs.....lb. 1.30 - 1.35
powd., bxs.....lb. 1.45 - 1.50
Irish moss, ordinary, bls.....lb. .10 - .11
powd., 80-90 mesh, bbls...lb. .24 - .32
prime, bleached, bls.....lb. .19 - .20
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
IV, djns., 50 lbs.....lb. .16 - —
Chloride, tech., cryst., bbls., kgs..lb. .05 - .08
USP, cryst., bbls., 500 lbs...lb. .07½- —
kgs., 100 lbs.....lb. .08½- —
solut., USP, cbys., 130 lbs., lb. .06½- —
djns., 50 lbs.....lb. .16 - —
Citrate, USP VIII, pearls, cns., lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 3.00
syrup, djns.....lb. .37 - .38
bots.....lb. .32 - —
Nitrate, comi., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns.....lb. .53 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.),
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate), USP, cryst., bbls., 275 lbs. lb. .04½- —
dms. 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .31 - —
flb., dms.....lb. .24½- —
kgs.....lb. .26½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs.....lb. .44 - —
jars.....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .31 - —
flb., dms.....lb. .24½- —
kgs.....lb. .26½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .58 - —
Isopropanol, see Alcohol, Isopropyl.
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —
l.c.l.....lb. .08 - —
tanks.....lb. .06 - —

Green, Chrome—Lead Stearate

J

Jaborandi leaves, bls.....lb. .13 - .16
Jalap root, NF, bls.....lb. .17 - .18
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .05½- .06

K

Kamala, tins.....lb. .37 - .39
Kava kava root, bls.....lb. .15 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks.gal. .06½- —
Gulf ports, p.w., bulk, export, gal. .05½- .05¾
w.w., bulk..gal. .05¾- .06¾
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04½- .04¾
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04 - .04¼
42-44 w.w., tanks.....gal. .04½- .04¾
Pennsylvania, 45 w.w., tanks, gal. .05¼- —
46 w.w., tanks.....gal. .05¾- —
47 w.w., tanks.....gal. .05½- —
Kerosene, tankwagon:—
Atlanta.....gal. .12 - —
Boston.....gal. .06¼- —
Chicago.....gal. .10¼ - —
Cincinnati.....gal. .13¼- —
Denver.....gal. .11½- —
Louisville.....gal. .10½- —
Minneapolis.....gal. .10¼- —
New Orleans.....gal. .13 - —
New York.....gal. .09 - —
San Francisco.....gal. .11¼- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nut, bgs.....lb. .06 - .09

L

Lady slipper root, bls.....lb. .55 - .60
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 9.50 -10.00
Middlewestern, trcs....100 lbs. 9.10 - 9.20
Neutral, trcs.....100 lbs.10.25 -10.50
Western, choice, trcs..100 lbs. 9.20 - 9.30
Compound, trcs.....100 lbs.10.25 -10.50
Larkspur seed, bgs.....lb. .40 - .45
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .05 - .05½
Lavender flowers, ordinary, bls.lb. .35 - .40
select, bls.....lb. .50 - .55
Lead acetate, white, broken, bbls..lb. .12 - —
cryst., bbls.....lb. .12 - —
gran., bbls.....lb. .12¾- —
powd., bbls.....lb. .12¾- —
Arsenate, dms., dealers, E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .11¼- —
l.c.l., bgs, dealers, E. of Rockies..lb. .12¼- —
W. of Rockies.....lb. .12¼- —

Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd., E..lb. .06¼- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06½- —
l.c.l., dlvd., E.....lb. .06½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06¾- —
Carbonate (see Lead, white)
Chloride, pure, bots., 5 lbs..lb. .62 - —
flb. dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.52 - —
jars.....lb. 2.40 - —
Linoleate, pale, precip., dms. lb. .19 - —

Metal (see daily quotations in market report)

Metallic, paste, 200-lb. cont., f.o.b. works..lb. .23¼- —
5 lb. cont., f.o.b. works...lb. .23½- —
Nitrate, bbls.....lb. .11 - .11½
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .07¾- —
other points.....lb. .07½- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08¼- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .09 - —
Colo., Mont., N. Mex., Wyo.....lb. .08¾- —
other points.....lb. .08¼- —
smaller lots, dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
97%, Pb_3O_4, bbls., c.l., etc., tons) dlvd., Ala., etc., lb. .09 - —
other points....lb. .07¾- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08¼- —
smaller lots dlvd., Ala., etc..lb. .09¼- —
Ariz.....lb. .09¾- —
Colo.....lb. .09¼- —
other points.....lb. .09 - —
98%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .08¼- —
other points.....lb. .08 - —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
smaller lots, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .10 - —
Colo., etc.....lb. .09¼- —
other points.....lb. .09 - —
in oil, 100-lb. kgs., agents..lb. .11¾- —
Resinate, fused, 16%, bbls....lb. .09½- —
pale, bbls.....lb. .11½- —
precip., bbls.....lb. .10½- —
Stearate, bbls.....lb. .22 - .30

WHITE-LEAD —Lasts!

PAINTS that are high in white-lead content are paints that prove high in consumer satisfaction. For the more white-lead you use the better the paint in durability, in ease of spread, and in coverage.

When you buy your white-lead pigments, obtain them from National Lead Company.

The high quality and uniformity of our products are a tradition in the paint industry.

In addition to the white-lead pigments listed below we are also a dependable source of supply for lead oxides—red-lead, litharge, orange mineral.

NATIONAL LEAD COMPANY

111 Broadway, New York; 116 Oak Street, Buffalo; 900 West 18th Street, Chicago; 659 Freeman Avenue, Cincinnati; 1213 West Third Street, Cleveland; 722 Chestnut Street, St. Louis; 2240 24th Street, San Francisco; National-Boston Lead Co., 800 Albany Street, Boston; National Lead & Oil Co. of Penna., 316 Fourth Avenue, Pittsburgh; John T. Lewis & Bros. Co., Widener Bldg., Philadelphia.

DRY WHITE-LEAD (Dutch or Carter process)

H. T. S. (High Tinting Strength) **WHITE-LEAD**

BASIC LEAD SULPHATE

Lead, sulphate (see Lead, white, basic sulphate).			
Titanate, bbls., c.l., f.o.b. works, frt. alld.	lb.	.12 -	—
l.c.l., 5 tons, one delvy, dlvd.,	lb.	.12¼-	—
smaller lots	lb.	.12½-	—
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo.	lb.	.07 -	—
other points	lb.	.06¾-	—
l.c.l., dlvd., Ariz., etc.	lb.	.07¼-	—
other points	lb.	.07 -	—
basic sulphate, bbls., c.l., dlvd. Ariz., etc.	lb.	.06½-	—
other points	lb.	.06¼-	—
l.c.l., dlvd. Ariz., etc.	lb.	.06¾-	—
other points	lb.	.06½-	—
in oil, 100-lb. kgs., consumers	lb.	.12¾-	—
dealers	lb.	.10½-	—
painters	lb.	.11¼-	—
Lemon peel, bls.	lb.	.10 -	.11
Licorice extract, mass, cs.	lb.	.17 -	.18
powd., bbls	lb.	.24 -	.25
Root, bls.	lb.	.04½-	.05
powd., bbls., bxs.	lb.	.07 -	.08
select, bndls., cs.	lb.	.17 -	.18
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.	ton.	7.00 -	—
Berkley, W. Va.	ton.	7.00 -	—
California, northern.	ton.	11.80 -	—
southern	ton.	11.45 -	—
Cedar Hollow, Pa.	ton.	8.00 -	—
Chicago	ton.	7.25 -	—
Crab Orchard, Tenn.	ton.	6.25 -	—
Dallas, Texas.	ton.	8.50 -	—
Durbin, Ohio	ton.	6.50 -	—
Eagle Mountain, Va.	ton.	6.25 -	—
Easton, La.	ton.	7.00 -	—
Farnams, Mass.	ton.	7.50 -	—
Gibsonburg, Ohio.	ton.	7.00 -	—
Hannibal, Mo.	ton.	6.50 -	—
Keystone, Ala.	ton.	7.00 -	—
Knoxville, Tenn.	ton.	6.25 -	—
Leroy, Minn.	ton.	8.00 -	—
Limedale, Ark.	ton.	7.00 -	—
Longview, Ala.	ton.	6.25 -	—
Marble Cliff, Ohio.	ton.	6.50 -	—
Marblehead, Ohio.	ton.	7.00 -	—
Martinsburg, W. Va.	ton.	7.00 -	—
Menominee, Mich.	ton.	7.50 -	—
Mitchell, Ind.	ton.	6.50 -	—
Newala, Ala.	ton.	6.25 -	—
Petosky, Mich.	ton.	8.00 -	—
Port Island, Mich.	ton.	7.50 -	—
Ripplemead, Va.	ton.	6.25 -	—
Riverton, Va.	ton.	6.25 -	—
Scioto, Ohio	ton.	6.00 -	—
Sheboygan, Wis.	ton.	7.00 -	—
Sherwood, Wis.	ton.	7.50 -	—
Springfield, Mo.	ton.	7.00 -	—
Woodville, Ohio	ton.	7.00 -	—
hyrated, paper bags, f.o.b. Bellefonte, Pa.	ton.	8.50 -	—
Berkley, W. Va.	ton.	8.50 -	—
Buffalo	ton.	10.00 -	—
California, northern.	ton.	15.30 -	—
southern	ton.	13.95 -	—
Cedar Hollow, Pa.	ton.	8.50 -	—
Chicago	ton.	9.50 -	—
Crab Orchard, Tenn.	ton.	9.00 -	—
Dallas, Tex.	ton.	12.00 -	—
Durbin, Ohio	ton.	8.00 -	—
Eagle Mountain, Va.	ton.	8.50 -	—
Easton, La.	ton.	9.00 -	—
Farnams, Mass.	ton.	9.00 -	—
Gibsonburg, Ohio.	ton.	8.50 -	—
Hannibal, Mo.	ton.	8.50 -	—
Keystone, Ala.	ton.	9.00 -	—
Knoxville, Tenn.	ton.	9.00 -	—
Limedale, Ark.	ton.	9.00 -	—
Longview, Ala.	ton.	9.00 -	—
Louisville, Ky.	ton.	14.50 -	—
Marble Cliff, Ohio.	ton.	8.00 -	—
Marblehead, Ohio.	ton.	9.00 -	—
Martinsburg, W. Va.	ton.	8.50 -	—
Milltown, Ind.	ton.	12.50 -	—
Mitchell, Ind.	ton.	9.00 -	—
Newala, Ala.	ton.	9.00 -	—
Pelham, Ala.	ton.	9.00 -	—
Petolsky, Mich.	ton.	9.00 -	—
Port Island, Mich.	ton.	9.00 -	—
Rapid City, S. D.	ton.	12.00 -	—
Ripplemead, Va.	ton.	8.00 -	—
Riverton, Va.	ton.	9.00 -	—
Scioto, Ohio	ton.	8.00 -	—
Sherwood, Wis.	ton.	9.00 -	—
Siluria, Ala.	ton.	9.00 -	—
Springfield, Mo.	ton.	9.00 -	—
Woodville, Ohio	ton.	8.50 -	—
spray, paper bgs., f.o.b. Bellefonte, Pa.	ton.	9.00 -	—
Durbin, Ohio	ton.	9.00 -	—
Farnams, Mass.	ton.	9.00 -	—
Gibsonburg, Ohio.	ton.	11.00 -	—
Marble Cliff, Ohio.	ton.	11.00 -	—
Marblehead, Ohio.	ton.	11.00 -	—
Mitchell, Ind.	ton.	9.00 -	—
Scioto, Ohio	ton.	9.00 -	—
Sherwood, Wis.	ton.	9.00 -	—
Woodville, Ohio.	ton.	11.00 -	—
Lime salts (see Calcium)			
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex.	lb.	.07½-	.08½
dms., same basis	lb.	.10½-	—
400 lbs., or more, bgs., same basis	lb.	.07¾-	.08¾
dms., same basis	lb.	.11 -	—
less than 400 lbs., same basis,	lb.	.08½-	.09½
dms., same basis	lb.	.12 -	—
solution, dms., consumer, c.l., works, fr't all'd.	gal.	.13½-	.14½
dealer, fr't all'd.	gal.	.13 -	.16
l.c.l., consumer, fr't all'd,	gal.	.15 -	.18
dealer, fr't all'd.	gal.	.14 -	.17
tanks, consumer, dlvd. gal.		.11¼-	—
dealer, dlvd.	gal.	.11 -	—
Pacific Coast, tanks, f.o.b. Richmond or San Jose, Calif.	gal.	.10 -	—
53-gal. dms., same basis,	gal.	.13 -	—
53-gal. dms., ex whse.,	gal.	.15 -	—
Linalool, cns.	lb.	1.90 -	2.10
Linalyl acetate, cns., 25 lbs.	lb.	1.70 -	2.45
Linden flowers, with leaves, bls.	lb.	.18 -	.19
without leaves, bls.	lb.	.20 -	.21
Linseed cake, bgs., export.	ton.	30.50 -	—
Meal, 32%, dom., bgs.	ton.	40.50 -	—
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash.	lb.	.06¾-	—
other points	lb.	.06½-	—
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.07½-	—
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash.	lb.	.08 -	—
Colo., Mont., N. Mex., Wyo.	lb.	.07¾-	—
other points	lb.	.07¾-	—

Litharge, com'l, powd., bbls., smaller lots, dlvd., Ala., etc.	lb.	.06 -	—
Ariz., etc.	lb.	.08½-	—
Colo., etc.	lb.	.06¾-	—
other points	lb.	.07¾-	—
Lithium bromide, 100 lbs., works, frt. equal'd.	lb.	1.90 -	—
50 lbs., works	lb.	1.93 -	—
25 lbs., works	lb.	1.95 -	—
Carbonate, bbls., 250 lbs.	lb.	1.25 -	—
kgs., 100 lbs.	lb.	1.30 -	—
Chloride, jars, 25 lbs.	lb.	1.65 -	1.70
Citrate, bbls., 250 lbs.	lb.	1.40 -	—
fib. dms., 25 lbs.	lb.	1.45 -	—
kgs., 100 lbs.	lb.	1.40 -	—
Iodide, bots., 5 lbs.	lb.	4.85 -	—
jars, 25 lbs.	lb.	4.70 -	—
Fluoride, bbls.	lb.	2.10 -	2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd. E. or ex whse. Pac. Cst.	lb.	.05⅞-	—
smaller lots, same basis.	lb.	.06⅛-	—
bbls., 20 tons, same basis,	lb.	.06¼-	—
smaller lots, same basis.	lb.	.06⅜-	—
ordinary, bgs., 20 tons, same basis.	lb.	.04⅝-	—
smaller lots, same basis.	lb.	.04⅝-	—
bbls., 20 tons, same basis,	lb.	.04⅝-	—
smaller lots, same basis.	lb.	.04¾-	—
titanated, bgs., 20 tons, same basis.	lb.	.05⅞-	—
smaller lots, same basis.	lb.	.06⅛-	—
bbls., 20 tons, same basis,	lb.	.06¼-	—
smaller lots, same basis.	lb.	.06⅜-	—
Liverwort leaves, bls.	lb.	.18 -	.19
Lobelia herb, bls.	lb.	.14 -	.15
Seed, bgs.	lb.	.35 -	.36
Logwood extract, cryst., bbls.	lb.	.18 -	.22
liquid, 51°, bbls.	lb.	.09½-	.11½
solid, bxs.	lb.	.15 -	.19
Sticks, Haitian, shipt.	ton.	24.00 -	25.00
Lovage root, dom., bls.	lb.	.55 -	.65
import, bls.	lb.	.35 -	.37
Lupulin, N.E., tins	lb.	1.75 -	2.00
Lycopodium, cs.	lb.	1.30 -	1.35

M

Mace, Banda, cs.	lb.	.57 -	.58
Batavia, cs.	lb.	.48 -	.49
Siauw, 1, cs.	lb.	.53 -	.54
Madder, Dutch, bgs.	lb.	.22 -	.30
Magnesia arsenate, cs., dms.	lb.	.18 -	.30
Calcined, dom., four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila.	lb.	.27 -	—
1,000-10,000 lbs., same basis.	lb.	.28½-	—
less than 1,000 lbs., same basis.	lb.	.30 -	—
tech., heavy, bbls. f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila.	lb.	.28 -	—
1-lb. pkgs., same basis.	lb.	.38 -	—
light, bbls., same basis.	lb.	.23 -	—
1-lb. tins, same basis.	lb.	.33 -	—
USP, heavy, bbls., same basis.	lb.	.30 -	—
1-lb. pkgs., same basis.	lb.	.40 -	—
special, bbls., same basis,	lb.	.27 -	—
super light, bbls., same basis.	lb.	.30 -	—
calcined, USP, import., heavy, pharm., bbls.	lb.	.50 -	—
light, extra, bbls.	lb.	.36 -	.40
standard, bbls.	lb.	.30 -	—
Carbonate, tech., Zone 1, bgs., c.l.	lb.	.06¼-	—
l.c.l.	lb.	.07 -	—
bbls., c.l.	lb.	.07¼-	—
l.c.l.	lb.	.08 -	—
kgs., c.l.	lb.	.08¾-	—
l.c.l.	lb.	.09½-	—
Zone 2, bgs., c.l.	lb.	.06 -	—
l.c.l.	lb.	.06½	—
bbls., c.l.	lb.	.07 -	—
l.c.l.	lb.	.07¼-	—
kgs., c.l.	lb.	.08¼-	—
l.c.l.	lb.	.09 -	—
USP, Zone 1, bbls., c.l.	lb.	.08¼-	—
l.c.l.	lb.	.09 -	—
kgs., c.l.	lb.	.09¾-	—
l.c.l.	lb.	.10¼-	—
Zone 2, works, bbls., c.l.	lb.	.08 -	—
l.c.l.	lb.	.08¼-	—
kgs., c.l.	lb.	.09½-	—
l.c.l.	lb.	.10 -	—

Zone 1:—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. C.l. shipm'ts, full frt alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l shipm'ts., frt. alld., including dlvd. store door. Zone 2:—Balance of U. S.

Chloride, flake, dom., bbls., works.	ton.	39.00 -	42.00
Hypophosphite, cns., 100 lbs.	lb.	1.45 -	—
25 lbs.	lb.	1.50 -	—
Oxide (see Calcined).			
Palmitate, bbls.	lb.	.33	Nom.
Peroxide, 15%, dms., works.	lb.	1.00 -	1.95
Silicate (see Talc)			
Silicofluoride, bbls.	lb.	09½-	.10½
Stearate, bbls., ctns., c.l.	lb.	.21 -	—
c.l.	lb.	.21 -	—
1 ton	lb.	.22 -	—
1,000-2,000 lbs.	lb.	.23 -	—
smaller lots	lb.	.24 -	—
Sulphate (see Epsom salt)			
Magnesite, cal., import, bbls.	ton.	60.00 -	65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash.	ton.	25.00 -	—
Malva flowers, black, bls.	lb.	.40 -	.42
Blue, bls.	lb.	.45 -	.50
Leaves, bls.	lb.	.12 -	.13
Manaca root, bls.	lb.	.20 -	.21
Mandrake root, bls.	lb.	.17 -	.18
Manganese acetate, dms.	lb.	.26½-	—
Arsenate, bgs.	lb.	.12 -	.12½
Borate, tech., bbls.	lb.	.15 -	.16
Carbonate, bbls.	lb.	.21 -	.22
Chloride, bbls.	lb.	.09 -	—
Dioxide, Caucasian, 85-90%, bbls., c.l., works.	ton.	66.50 -	—
l.c.l., 5 tons, works.	ton.	69.50 -	—
smaller lots, works.	ton.	74.50 -	—
burlap bgs., c.l., works.	ton.	64.50 -	—
l.c.l., 5 tons, works.	ton.	67.50 -	—
smaller lots, works.	ton.	72.50 -	—
paper bgs., c.l., works.	ton.	62.50 -	—
l.c.l., 5 tons, works.	ton.	65.50 -	—
Glycerophosphate, bbls., kgs., 1,000-lb lots.	lb.	2.61 -	—
smaller lots.	lb.	2.71 -	—
cns., 25 lbs.	lb.	2.88 -	—
solut., djns., 1,000 lbs. lots,	lb.	.61 -	—
smaller lots.	lb.	.71 -	—
cns., 25 lbs.	lb.	.81 -	—
Hydrate, bbls., dlvd.	lb.	.32 -	—
Iodide, bots., 5 lbs.	lb.	5.25 -	—
jars, 25 lbs.	lb.	5.10 -	—
Linoleate, liquid, 4%, dms.	lb.	.18 -	.19¼
solid, precip., 8.2%, bbls.	lb.	.19 -	—
Ore, 50-52%, basis, bbls., c.l. Atl. ports.	unit-ton.	.12 -	.13
Resinate, fused, 2½%, bbls.	lb.	.08¼-	.08½
precip., dms.	lb.	.12 -	—

Manganese, sulphate, anhyd., bbls., works.	lb.	.07 -	.07½
cryst., 85% $MnSO_4$, bgs., c.l., dlvd. South.	ton.	48.75 -	—
l.c.l., bgs.	ton.	55.75 -	—
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton.		.75 -	—
l.c.l., 5 tons, works.	lb.	.08½-	—
smaller lots, works.	lb.	.04 -	—
Mangrove bark, bgs., shipt.	ton.	26.50 -	27.00
Manna flake, large, cs.	lb.	.40 -	.42
small, cs.	lb.	.20 -	.22
Mannitol, pure, cryst., cs., works.	lb.	1.45 -	—
Marble flour, bgs.	ton.	12.00 -	14.00
Marjoram, French, bbls.	lb.	.20 -	.20½
Tunisian, bls.	lb.	.19 -	.19½
Matico leaves, bls.	lb.	.28 -	.30
Menthol, USP, natural, cs.	lb.	3.30 -	3.40
synthetic, tech., cs.	lb.	2.45 -	—
U.S.P., cs.	lb.	3.25 -	—
liquid, dms., 40 lbs.	lb.	1.60 -	—
Menthyl salicylate, tins, 100 lb. lots.	lb.	3.00 -	—
25 lb. lots.	lb.	3.10 -	—
Mercurial ointment, 30%, pails, 50 lbs.	lb.	.87 -	—
25 lbs.	lb.	.89 -	—
50%, pails, 50 lbs.	lb.	1.26 -	—
25 lbs.	lb.	1.28 -	—
Mercury (see Quicksilver).			
Bichloride (see Corrosive sublimate).			
Bisulphate, bots., 5 lbs.	lb.	1.81 -	—
fib., dms., 100 lbs.	lb.	1.68 -	—
jars, 25 lbs.	lb.	1.70 -	—
Chloride (see Calomel).			
Iodide, red, N. F., bots., 5 lbs.	lb.	3.67 -	—
cns., 25 lbs.	lb.	3.55 -	—
fib. dms., 100 lbs.	lb.	3.55 -	—
yellow, bls., 5 lbs.	lb.	3.67 -	—
cns., 25 lbs.	lb.	3.65 -	—
fib. dms., 100 lbs.	lb.	3.65 -	—
Nitrate ointment (see Citrine ointment)			
Oxide red, N.F. (see Red precipitate)			
tech. (See Red, mercury oxide).			
Yellow, dom., tech., bbl.	lb.	1.39 -	—
USP, fib. dms., 50 lbs. or more.	lb.	1.91 -	—
Mercury and chalk, ctns., 5 lbs.,	lb.	1.22 -	—
fib., dms., 25 lbs.	lb.	1.10 -	1.13
Mesityl oxide, cns., works.	lb.	.25½-	.27½
dms., c.l., works.	lb.	.21 -	—
l.c.l., works	lb.	.21½-	—
tanks, works	lb.	.20 -	—
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in.	pkg.	1.50 -	1.75
Composition, 5½x3½ in.	pkg.	1.70 -	1.80
Gold, XX deep, 3⅜x3⅜ in.	pkg.	14.25 -	14.75
3⅜x3⅜ in.	pkg.	15.50 -	16.50
4x4 in.	pkg.	18.50 -	19.00
3⅜x5½ in.	pkg.	21.50 -	22.00
3¼x5½ in.	pkg.	23.50 -	24.00
Silver, 3⅜x3⅜ in.	pkg.	2.25 -	2.35
Metanitroanilin, kgs.	lb.	.67	Nom.
Metanitroparatoluidin, bbls.	lb.	1.45 -	—
Metaphenylenediamine, kgs.	lb.	.80 -	—
Metatoluylenedaimine, kgs.	lb.	.65 -	—
Methanol, denat. grade, dms., c.l., frt. alld., E. of Rockies.	gal.	.38 -	—
tanks, frt. alld., E. of Rockies.	gal.	.32 -	—

Methanol, denat., grade, prices on Pacific Coast are 4c. per gal higher.

pure, nat'l or synth., dms., c.l., Zone 1, frt. all.	gal.	.38 -	—
2, frt. alld.	gal.	.41 -	—
3, frt. alld.	gal.	.42 -	—
4, frt. alld.	gal.	.44 -	—
l.c.l., Zone 1, frt. alld. or dlvd.	gal.	.40½-	—
2, frt. alld. or dlvd.	gal.	.47 -	—
3, frt. alld. or dlvd.	gal.	.44½-	—
4, frt. alld. or dlvd.	gal.	.60 -	—
tanks, Zone 1, frt. alld.	gal.	.33 -	—
2, frt. alld.	gal.	.35½-	—
3 frt. alld.	gal.	.36½-	—
4, frt. alld.	gal.	.37 -	—

95%, 2c. less than pure, all zones, frt. alld

97%, 1c. less than pure, all zones, frt. alld.

Methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 99%, dms., c.l.; frt. alld. E. of Rockies.	lb.	.16 -	—
W. of Rockies.	lb.	.16½-	—
l.c.l., frt. alld. E. of Rockies.	lb.	.17 -	—
W. of Rockies.	lb.	.17½-	—
82%, dms., c.l., frt. alld. E. of Rockies.	lb.	.13 -	—
W. of Rockies.	lb.	.13½-	—
l.c.l., frt. alld. E. or Rockies.	lb.	.14 -	—
W. of Rockies.	lb.	.14½-	—
Acetoacetate, dms., c.l., works, frt. alld.	lb.	.29½-	—
Methyl acetone, nat., dms., c.l., contracts, Zone 1.	gal.	.34½-	—
2,	gal.	.37½-	—
3,	gal.	.38½-	—
4,	lb.	.40½-	—
tanks, contracts, Zone 1.	gal.	.28½-	—
2	gal.	.31 -	—
3	gal.	.32 -	—
4	gal.	.32½-	—

Methyl acetone, natural, prices are quoted for direct shipment from refinery f.o.b. shipping point, freight allowed to destination; barrell packing, 2½c. per gal. more, in all brackets. The sale zones are: Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies.	gal.	.42 -	—
2, frt. alld. E. of Rockies.	gal.	.45 -	—
3, Pacific coast.	gal.	.46 -	—
l.c.l., Zone 1, frt. alld. E of Rockies.	gal.	.44½-	—
2, frt. alld. E. of Rockies.	gal.	.51 -	—
3, Pacific Cst.	gal.	.48½-	—
tanks, Zone 1, frt. alld. E. of Rockies.	gal.	.36 -	—
2, ft. alld. E. of Rockies.	gal.	.38½-	—
3, Pacific Coast.	gal.	.39½-	—

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast.

Lead Sulphate—Musk Root

Methyl Alcohol (see Methanol).			
Anthranilate, bots.	lb.	1.95 -	2.00
Benzoate, cns., 25 lbs.	lb.	.70 -	1.00
Chloride, refrigeration, 500 lb. and up, machine mfrs. and jobbers, cylinders.	lb.	.32-	—
service men and consumers, cyl.	lb.	.36 -	—
60 to 499 lbs, cyl., mach. mfrs. and jobbers.	lb.	.36 -	—
service men and consumers, cyl.	lb.	.40 -	—
tanks, multi-unit, mach. mfrs. and jobbers.	lb.	.31 -	—
service men and consumers,	lb.	.35 -	—

Methyl chloride prices are spot or contract, effective Juy 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130 lbs. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bots.	lb.	3.00 -	3.75
Formate, dms.	lb.	.35 -	.36
Iodide, bots., jars.	lb.	5.80 -	5.85
Salicylate, dms.	lb.	.40 -	.43
tins	lb.	.42 -	.45
Violet toner, bbls.	lb.	.38 -	—
permanent, bbls.	lb.	.60 -	—
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.	lb.	.11½-	—
l.c.l., same terms.	lb.	.12 -	—
tanks, same terms.	lb.	.10½-	—
Methylene blue, medici., kgs., 100 lbs.	lb.	2.00 -	—
cns., 5 lbs	lb.	2.35 -	—
Chloride, dms., f.o.b. works.	lb.	.18 -	.22
Methylheptenone, bots.	lb.	2.50 -	3.00
Methylhestin carbonate, bots.	lb.	27.50 -	44.00
Methylhexyl ketone, dms., tech., wks.	lb.	.60 -	—
Methylisobutyl ketone, dms., c.l. wks.	gal.	.76 -	—
l.c.l. wks.	gal.	.80 -	—
tanks, wks.	gal.	.70 -	—
Methymaphtyl ketone, cryst., bots.	lb.	2.10 -	2.25
Methylpropyl carbinol (see Carbinol).			
Ketone, dms., c.l.	lb.	.16 -	—
l.c.l.	lb.	.20 -	—
tanks	lb.	.15 -	—
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee.	ton.	9.00 -	—
l.c.l., same basis.	ton.	11.00 -	—
180 mesh, containers extra, c.l., same basis.	ton.	11.00 -	—
l.c.l., same basis.	ton.	13.00 -	—
250 mesh, containers, extra, c.l., same basis.	ton.	13.00 -	—
l.c.l., same basis.	ton.	15.00 -	—
325 mesh, containers extra, c.l., same basis.	ton.	18.00 -	—
l.c.l., same basis.	ton.	20.00 -	—
Mica, dry-grd., plastic, No. 100, 40 mesh, bgs., c.l., works.	ton.	35.00 -	—
l.c.l. works.	ton.	43.75 -	—
second grade, bgs., c.l., works.	ton.	33.00 -	—
l.c.l., works.	ton.	41.25 -	—
200, 100 mesh, bgs., c.l., works.	ton.	40.00 -	50.00
l.c.l., works.	ton.	50.00 -	60.00
second grade, bgs., c.l., works.	ton.	23.90 -	30.00
l.c.l., works.	ton.	29.90 -	47.50
300, 140 mesh, bgs., c.l., works.	ton.	50.00 -	—
l.c.l., works.	ton.	62.50 -	—
roofing, bgs., c.l., works.	ton.	23.50 -	30.00
l.c.l., works.	ton.	30.00 -	37.50
wet-ground, paint, oil or lacquer, bgs., c.l., dlvd. E.	lb.	.04¼-	—
l.c.l., works.	lb.	.04¾-	—
water, bgs., c.l., dlvd. E.	lb.	.04 -	—
l.c.l., works.	lb.	.04 -	—
paper, wall or coated bgs., c.l., frt. alld., E.	lb.	.03¾-	—
l.c.l., 2,000 lbs., frt. all., E.	lb.	.04¼-	—
smaller lots, frt. alld., E.	lb.	.04¾-	—
rubber, bgs., c.l., frt. alld. E.	lb.	.03½-	—
l.c.l., 2,000 lbs., ft., alld., E.	lb.	.04 -	—
smaller lots, frt. alld., E.	lb.	.04¼-	—

wet-ground mica prices are ½c. per pound higher on Pacific coast.

Milk powder, skimmed, roller, bbls., c.l.	lb.	.07½-	—
l.c.l.	lb.	.08¼-	—
spray, bbls., c.l.	lb.	.08½-	—
l.c.l.	lb.	.09½-	—
unskimmed, roller, bbls., c.l.	lb.	.17 -	—
l.c.l.	lb.	.17½-	—
spray, bbls., c.l.	lb.	.17 -	—
l.c.l.	lb.	.17½-	—
Millet seed, bgs.	lb.	.02½-	.03
hulled, bgs.	lb.	.06½-	.07
Mineral spirits (see Petroleum thinner and V M & P, naphtha).			
Molasses, blackstrap, tanks.	gal.	.07 -	—
New Orleans.	gal.	06½-	—
Molybdate orange (see Orange, molybdate).			
Molybdenum metal, kgs., 99% powd.	lb.	No prices	
Monoamylamine, dms., c.l., wks.	lb.	.52 -	—
l.c.l., works.	lb.	.55 -	—
Monobutylamine, dms., l.c.l., works.	lb.	.65 -	—
Monochlorobenzene, dms.	lb.	.06 -	.06½
Monoethanolamine, dms., c.l., works.	lb.	.26 -	—
l.c.l., dms	lb.	.27 -	—
tanks	lb.	.25 -	—
Monoethylanilin, dms.	lb.	.77	Nom.
Monomethylpara-aminophenol sulphate, dms.	lb.	3.75 -	4.00
Morphine, bots., 5 ozs.	oz.	11.10 -	—
cns., 25 ozs.	oz.	10.90 -	—
Acetate, bots., 5 ozs.	oz.	9.00 -	—
cns., 25 ozs.	oz.	8.80 -	—
Ethylhydrochloride, bots., 5 ozs.,	oz.	10.75 -	—
cns., 25 ozs.	oz.	10.55 -	—
Hydrobromide, bots., 5 ozs.	oz.	8.95 -	—
cns., 25 ozs.	oz.	8.75 -	—
Sulphate, bots., 5 ozs.	oz.	9.00 -	—
cns., 25 ozs.	oz.	8.80 -	—
Mullein flowers, cns.	lb.	.85 -	.90
Leaves, bls.	lb.	.07 -	.08
Musk, nat., Tonquin, grained, bots.	oz.	21.00 -	22.00
pods, caddies, 20 ozs.	oz.	19.00 -	21.00
synth., ambrette, cns., 100 lbs. or more.	lb.	3.90 -	—
5 lbs. to 75 lbs.	lb.	4.20 -	—
1 lb.	lb.	4.35 -	—
Ketone, cns., 100 lbs. or more,	lb.	4.05 -	—
5 lbs. to 75 lbs.	lb.	4.35 -	—
1 lb.	lb.	4.50 -	—
Xylol, cns., 100 lbs. or more	lb.	1.15 -	—
5 lbs. to 75 lbs.	lb.	1.25 -	—
1 lb.	lb.	1.40 -	—
Musk root, bls.	lb.	.16 -	.17

Mustard Seed—Oil, Lavender

Mustard seed, Bombay, brown, bgs.	lb.	.06½-	.06¾
California, brown, bgs.	lb.	.07½-	.07¾
yellow, bgs.	lb.	No stocks.	
Chinese, yellow, bgs.	lb.	.05¾-	.06¼
Danish, yellow, bgs.	lb.	.07¾-	.08¼
Dutch, yellow, bgs.	lb.	.08 -	.08½
English, yellow, bgs.	lb.	.08½-	.08¾
Hungarian, yellow, bgs.	lb.	.07¾-	.07¾
Roumanian, yellow, bgs.	lb.	.05¾-	.06¼
Myrobalans, J1, bgs., shipt.	ton.	30.00 -	—
J, bgs., shipt.	ton.	22.50 -	—
R2, bgs., shipt.	ton.	22.00 -	—
Extract, liquid, 25%, bbls.	lb.	.04¼-	.06¼

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).			
Solvent (see S).			
Naphthalene, crude, dom., 74 deg., bgs., c.l., works	100 lbs.	2.60 -	—
bbls., works	100 lbs.	2.85 -	—
l.c.l., bgs., works	100 lbs.	2.85 -	—
bbls., works	100 lbs.	3.10 -	—
78 deg., bgs., c.l., works	100 lbs.	3.10 -	—
bbls., works	100 lbs.	3.35 -	—
l.c.l., bgs. works	100 lbs.	3.35 -	—
bbls., works	100 lbs.	3.60 -	—
import, bgs., Atl. ports	100 lbs.	2.20 -	2.25
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works	lb.	.07¼-	—
jobbers, cs., same basis	lb.	.07½-	—
pkgs. (16 oz.), same basis	lb.	.08 -	—
(12 oz.) same basis	pkg.	.06¼-	—
Naphthalene, refined, chipped, crushed, bbls., same basis	lb.	.06¼-	—
rice, cryst., powd., bbls., same basis	lb.	.07¼-	—
Nerolin, cryst., cns.	lb.	1.25 -	1.35
Nickel carbonate, bbls.	lb.	.36 -	.37½
Chloride, bbls.	lb.	.18 -	.20
Oxide, black, bbls.	lb.	.35 -	.38
Salt, double, bbls.	lb.	.13 -	.13¾
single, bbls.	lb.	.13 -	.13¾
Nicotine sulphate, 40%, dms., works, frt. alld.	lb.	.76 -	—
10-lb. tins	lb.	.86½-	—
Nitercake, bulk, works	ton.	16.00 -	—
Nitrobenzene, dbl. dist., dms., l.c.l.	lb.	.08 -	—
l.c.l.	lb.	.09 -	—
tanks	lb.	.07½-	—
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works	lb.	.28 -	—
bronzing, 20, 40, 70 sec. vis., bbls., works	lb.	.29 -	—
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works	lb.	.22 -	—
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls.	lb.	.30 -	—
Nitrocellulose lacquer, 20-30 and 60-80 sec. vis., bbls., works	lb.	.29 -	—

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

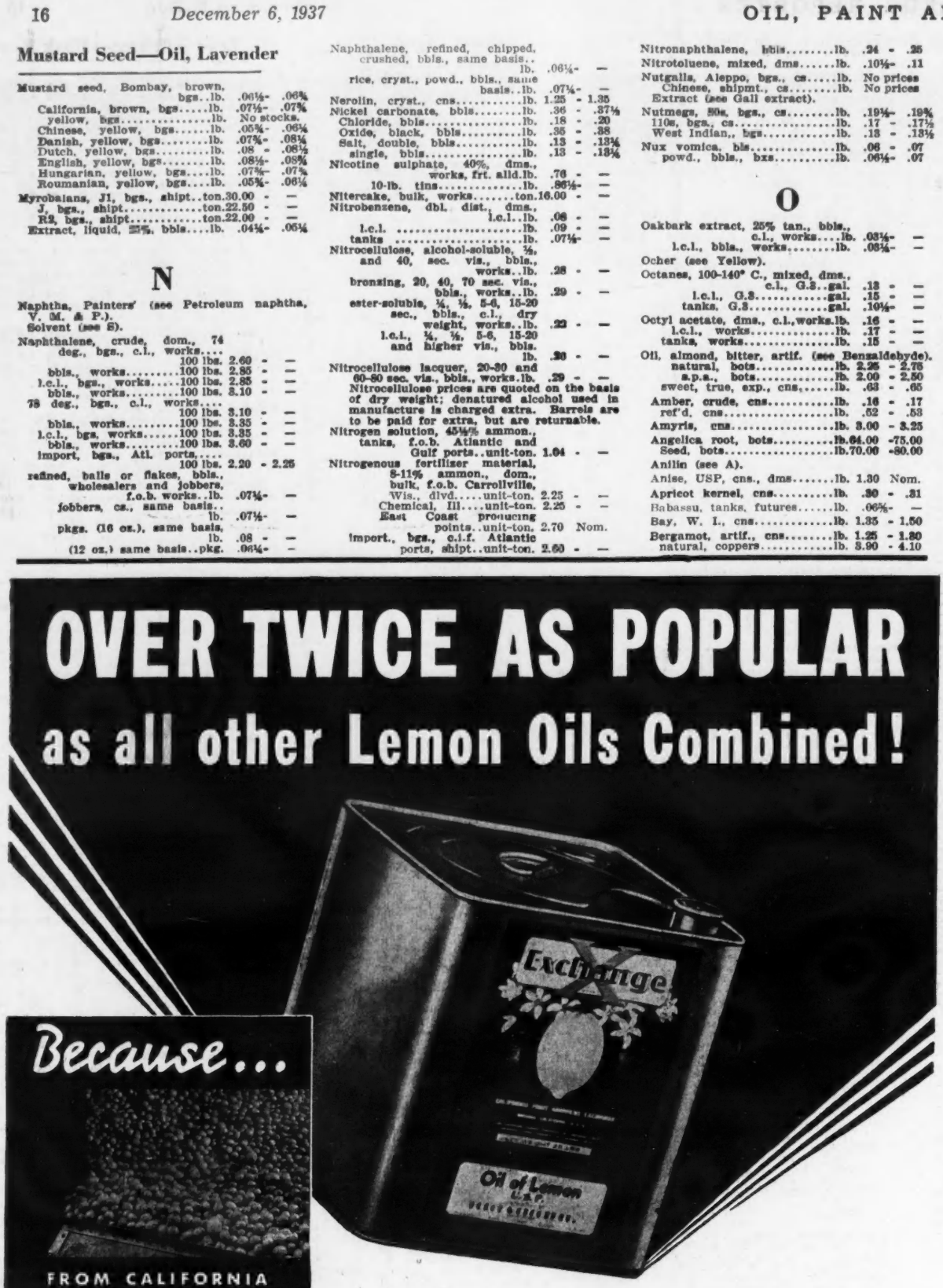
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports	unit-ton.	1.04 -	—
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd.	unit-ton.	2.25 -	—
Chemical, Ill.	unit-ton.	2.25 -	—
East Coast producing points	unit-ton.	2.70	Nom.
Import., bgs., c.i.f. Atlantic ports, shipt.	unit-ton.	2.60 -	—
Nitronaphthalene, bbls.	lb.	.24 -	.25
Nitrotoluene, mixed, dms.	lb.	.10½-	.11
Nutgalls, Aleppo, bgs., cs.	lb.	No prices	
Chinese, shipmt., cs.	lb.	No prices	
Extract (see Gall extract).			
Nutmegs, 80s, bgs., cs.	lb.	.19½-	.19¾
110s, bgs., cs.	lb.	.17 -	.17½
West Indian,, bgs.	lb.	.13 -	.13½
Nux vomica, bls.	lb.	.06 -	.07
powd., bbls., bxs.	lb.	.06½-	.07

O

Oakbark extract, 25% tan., bbls., c.l., works	lb.	.03½-	—
l.c.l., bbls., works	lb.	.03¾-	—
Ocher (see Yellow).			
Octanes, 100-140° C., mixed, dms., c.l., G.3.	gal.	.13 -	—
l.c.l., G.3.	gal.	.15 -	—
tanks, G.3.	gal.	.10½-	—
Octyl acetate, dms., c.l., works	lb.	.16 -	—
l.c.l., works	lb.	.17 -	—
tanks, works	lb.	.15 -	—
Oil, almond, bitter, artif. (see Benzaldehyde).			
natural, bots.	lb.	2.25 -	2.75
s.p.s., bots.	lb.	2.00 -	2.50
sweet, true, exp., cns.	lb.	.63 -	.65
Amber, crude, cns.	lb.	.16 -	.17
ref'd, cns.	lb.	.52 -	.53
Amyris, cns.	lb.	3.00 -	3.25
Angelica root, bots.	lb.	64.00	-75.00
Seed, bots.	lb.	70.00	-80.00
Anilin (see A).			
Anise, USP, cns., dms.	lb.	1.30	Nom.
Apricot kernel, cns.	lb.	.30 -	.31
Babassu, tanks, futures	lb.	.06⅝-	—
Bay, W. I., cns.	lb.	1.35 -	1.50
Bergamot, artif., cns.	lb.	1.25 -	1.30
natural, coppers	lb.	3.90 -	4.10
Oil, Betula (see Oil, sweet birch).			
Birch (see Oil, sweet birch).			
Birch tar, crude, dms.	lb.	.14 -	.17
rectif'd., cns.	lb.	.70 -	.75
Bois de rose, Brazil, cans.	lb.	1.55 -	1.60
Cayenne, cns.	lb.	1.50 -	1.75
Cade, USP IX (see Oil, juniper tar).			
Cajeput, tech., dms.	lb.	.55 -	.60
USP IX, cns.	lb.	.66 -	.72
Calamus, cns.	lb.	5.50 -	5.75
Camphor, sassafrassy, cns.	lb.	.20 -	.21
dms.	lb.	.17 -	.18
white, cns.	lb.	.20 -	.21
dms.	lb.	.17 -	.18
Cananga, native, cns.	lb.	1.50 -	1.65
rectified, cns.	lb.	2.15 -	2.75
Capsicum (oleoresin), USP VIII, cns.	lb.	2.00 -	2.25
Caraway, USP, cns.	lb.	2.10 -	2.25
Cardamom, bots.	lb.	20.00	-38.00
Cassia, USP, cns, dms.	lb.	1.25	Nom.
Castor, blown, one-way dms., c.l.	lb.	.12¼-	—
l.c.l.	lb.	.13 -	—
medicinal, bbls., c.l.	lb.	.10¾-	—
l.c.l.	lb.	.11½-	—
cns. (1-gal), l.c.l.	lb.	.14½-	—
dms. (returnable), c.l.	lb.	.10½-	—
l.c.l.	lb.	.11¼-	—
(5-gal.), l.c.l.	lb.	.12½-	—
tanks	lb.	.10 -	—
No. 3, bbls., c.l.	lb.	.10¼-	—
l.c.l.	lb.	.11 -	—
dms. (returnable), c.l.	lb.	.10 -	—
l.c.l.	lb.	.10¾-	—
tanks	lb.	.09½-	—

Castor oil, med. and No. 3, prices ar divd. all points between N. Y. and Phila delphia, Albany, and N. E. States; Ch cago c.l. prices ¾c. higher than N. Y l.c.l. prices ¾c. higher than N. Y.; one way dms., ¼c. higher, all points.

sulphonated, 50% (43% fat), dms., c.l.	lb.	.08 -	—
l.c.l.	lb.	.08½-	—
75% (63% fat), dms., c.l.	lb.	.11½-	—
l.c.l	lb.	.12 -	—
80% (68% fat), dms., c.l.	lb.	.12½-	—
l.c.l.	lb.	.13 -	—
Cedarleaf, cns.	lb.	.85 -	1.15
dms.	lb.	.80 -	1.10
Cedarwood, Oregon, cns., dms.,	lb.	.28 -	.30
Southern, cns., dms.	lb.	.24 -	.26
Celery, bots.	lb.	9.75	-12.50
Chaulmoogra, USP, cns., 500 lbs.	lb.	.90 -	—
25 lbs.	lb.	1.00 -	—
Chinawood, dms., Atlantic Cst.	lb.	.14½	Nom.
tanks	lb.	.14½	Nom.
Cinnamon, Ceylon, bots.	lb.	8.00	-22.00
Seychelle, bots.	lb.	6.50 -	7.50
Citronella, Ceylon, cns.	lb.	.42 -	.44
dms.	lb.	.40 -	.42
Java, dms.	lb.	.45 -	.48
Clove, makers, USP, cns.	lb.	1.12 -	—
dms.	lb.	1.10 -	—
Coconut, Manila, crude, Nov.-Dec., tanks.	lb.	.03¾-	—
Pac. Cst.	lb.	.03¾	Nom.
edible, 76°, tax incl., dms., (returnable), c.l.	lb.	.09¼-	—
l.c.l.	lb.	.09¾-	—
tanks	lb.	.08¾-	—
Cod, Newfoundland, tanked, bbls.	gal.	.52	Nom.
Norwegian, shipt., bbls.	gal.	.38 -	.39
Codliver, med., USP, Norwegian, bbls.	bbl.	27.50	-28.50
Coriander, bots.	bots.	23.00	-24.00
Corn, crude, tanks, works	lb.	.06½	-Nom.
refd., bbls.	lb.	.09½-	.10
Cottonseed, dom., cooking, bbls.,	lb.	.08¾-	—
salad, bbls.	lb.	.08¾-	—
import., Brazilian, semi-refd. dms.	lb.	.05	Nom.
British, semi-refd., dms.	lb.	.05¾	Nom.
Creosote (see C).			
Croton, USP, cns.	lb.	1.30 -	1.35
Cubeb, USP, cns.	lb.	2.85 -	3.10
Crude (see Petroleum, crude).			
Cumin, bots.	lb.	8.00 -	9.00
Cypress, dom., bots.	lb.	5.25 -	5.30
import., cns.	lb.	12.00	-12.25
Degras (see D)			
Diesel, Bayonne, bulk	bbl.	2.20 -	—
California, 27 plus, bulk	bbl.	1.00 -	1.25
Dill seed, bots.	lb.	3.00 -	3.75
Weed, bots.	lb.	3.85 -	4.10
Dip (See D):—			
Erigeron, cns.	lb.	2.40 -	2.50
Eucalyptus, cns.	lb.	.44 -	.46
dms.	lb.	.42 -	.44
Fennel, sweet, cns.	lb.	1.20 -	1.30
Fuel, bunker, California, tide-water	bbl.	1.05 -	1.20
Gulf Coast	bbl.	.95 -	1.00
Louisiana - Arkansas, 10-14,	bbl.	.80 -	.85
N. Y. and N. J. terminals:—			
Monday	bbl.	1.25 -	—
Tuesday	bbl.	1.25 -	—
Wednesday	bbl.	1.25 -	—
Thursday	bbl.	1.25 -	—
Friday	bbl.	1.25 -	—
Saturday	bbl.	1.25 -	—
North Texas, 18-22	bbl.	.80 -	.85
24-28, zero cold test	bbl.	.95 -	1.05
Oklahoma, 18-22	bbl.	.85 -	.90
24-28, zero cold test	bbl.	1.07½-	1.12
24-28, 15 and above	bbl.	.90 -	.95
Pennsylvania, 36-40	gal.	.04¼-	.04
Furnace, Bayonne, 1, bulk, refinery	gal.	.05½-	—
2, bulk, same basis	gal.	.05½-	—
3, bulk, same basis	gal.	.05 -	—
4, bulk, same basis	gal.	.04½-	—
Louisiana - Arkansas, 32 - 36, light straw	gal.	.03½-	.04
Oklahoma, 28-30	gal.	.03¼-	.03
32-36	gal.	.03½-	.03
36-38	gal.	.03¾-	.03
38-40, straw	gal.	.03¾-	.04
38-40 zero, 60 e.p.	gal.	.03¾-	.04
Fusel (see F).			
Gas, Bayonne, bulk	gal.	.04¾-	—
Gulf Coast, bulk	gal.	.03¾-	—
North Texas, bulk	gal.	.03 -	—
Oklahoma, bulk	gal.	.03½-	—
Gaultheria (see Oil, wintergreen leaf).			
Geranium, Algerian, rose, cns.	lb.	4.00 -	4.75
Bourbon, cns.	lb.	3.75 -	4.25
Turkish (see Palmarosa).			
Grapefruit, cns.	lb.	2.00 -	2.25
Ginger, dist., bots.	lb.	7.75 -	8.00
Guaiac wood, concrete, bots.	lb.	3.10 -	3.15
Haarlem, import, bots.	gross	3.25 -	3.35
Halibut-liver, dms 1,000 A unit	gal.	.75 -	1.00
Hemlock, cns.	lb.	1.05 -	1.10
Juniper berry, USP, cns.	lb.	1.20 -	1.75
Wood, tech., cns.	lb.	.45 -	—
Juniper tar, U.S.P.XI, 1,000 lb. dms.	lb.	.40 -	.45
cns.	lb.	.45 -	.50
Lard, common, 1, bbls.	lb.	.09¾-	—
2, bbls.	lb.	.09½-	—
extra, bbls.	lb.	.11¼-	—
1, bbls.	lb.	.09¾-	—
winter, strained, extra bbls.,	lb.	.11½-	—
prime burning, bbls.	lb.	.12¾-	—
prime, ed., bbls.	lb.	.13¼-	—
ined., bbls.	lb.	.11¾-	—
Laurel, bots.	lb.	6.50 -	6.75
Lavandin, cns., 25 lbs.	lb.	2.25 -	—



OVER TWICE AS POPULAR
as all other Lemon Oils Combined!

EXCHANGE BRAND Led the Field by More than 2 to 1 in 1936—And is making New Sales Records for 1937

HIGH quality and right price have made Exchange Brand Oil of Lemon, U. S. P., the unquestioned leader in the United States.

It is made in the world's largest plant devoted exclusively to lemon products. Nowhere else are there the facilities to keep production quality so uniform. Nowhere else has the American taste been so successfully met.

Be sure to specify it by name: Exchange Brand Oil of Lemon, U.S.P. (Clarified).

Sold to the American market exclusively by

FRITZSCHE BROTHERS, INC. 76 NINTH AVENUE, NEW YORK, N. Y. • **DODGE & OLCOTT COMPANY** 180 VARICK STREET, NEW YORK, N. Y.

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CALIFORNIA FRUIT GROWERS EXCHANGE

Products Department, Ontario, California

Producing Plant: EXCHANGE LEMON PRODUCTS COMPANY, Corona, California

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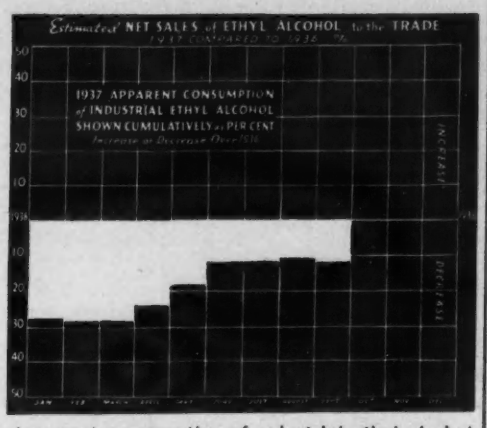
Prepared Monthly by the U. S. Industrial Chemical Co., Inc.

SOLVENT NEWS

Reg. U. S. Pat. Off.

DECEMBER ★ A Monthly Series of Articles for Chemists and Executives of the Solvent-Consuming Industries ★ 1937



Apparent consumption of industrial ethyl alcohol from Jan. 1 to Sept. 30, 1937, was 39,466,000 wine gallons. This is 11.5 per cent less than during the same period in 1936 when 44,579,000 wine gallons were consumed

Claim Gelatin Improves Adhesion of Lacquers

PARIS, France—Production of cellulosic lacquers which have greater adhesion for paper, regenerated cellulose and materials which swell in water can be accomplished by incorporating in the lacquer a solid organic substance which is soluble in water but not soluble in the organic solvent of the composition, it is claimed in a patent granted here.

As an example, the patent papers suggest the following formula: nitrocellulose 60%, acetanilide 6%, benzoyl benzoic acid 10%, dibutyl phthalate 18%; 100-200 parts of this are dissolved in 100 parts of a solvent consisting of 16% butyl acetate, 10% ethyl acetate, and 74% toluene.

A second solution is prepared with 95% water and 5% gelatin. To 1,000 parts of the nitrocellulose solution are added gradually 3-7 parts of the gelatin solution, with vigorous stirring, until a dispersion of the aqueous gelatin is obtained.

More Cars Have Metallic Finishes At Auto Show

NEW YORK, N. Y.—While all of the glitter at the National Auto Show held here recently may not have been due to the metallic finishes on the cars, there was a noticeable increase in the use of this type of finish.

Many manufacturers of low-priced cars report so emphatic a demand for metallics that they will use them in every color with the exception of maroon, pale green and black. Although black continues to be the biggest seller, definite inroads on its position are being made by metallics, with brown and green securing a stronger foothold.

Last year SOLVENT NEWS reported body striping less in evidence. This year that trend is reversed to some extent. However, the decreased popularity of secondary colors, noted last year, was still more evident at this season's show.

Process Preserves Paper

Paper records can be permanently preserved at a very low cost, according to the inventor of a new chemical process for this purpose. Regardless of the age of the record, it is claimed that this process will strengthen the paper and maintain the legibility.

U.S.I. to Make Dry Ice in New Orleans

Erects New Plant To Solidify CO_2 From Alcohol Manufacture

NEW ORLEANS, La.—Manufacturing operations are now in full swing for the production of Dry Ice, the modern refrigerant that does not melt,* to supply New Orleans and the surrounding territory. Erected by the U. S. Industrial Alcohol Co. at Broadway and Coliseum St., the new Dry Ice plant is said to be the most up-to-date and compact unit of its type in the country.

Dry Ice is the trade name for solidified carbon dioxide—the gas resulting from fermentation of molasses in the manufacture of industrial ethyl alcohol.

In addition to its everyday use for the protection of frosted foods and ice creams, it finds an increasing market in industrial cooling equipment, special refrigerated freight cars and numerous chemical and scientific applications.

**Changes from a solid to a gas without passing through the liquid stage.*

100 U. S. I. Products at Chem. Show

NEW YORK, N. Y.—More than 100 products will be displayed by the U. S. Industrial Alcohol Co. and the U. S. Industrial Chemical Co., Inc., at the Exposition of Chemical Industries, Dec. 6-11. U. S. I. will occupy Booth 90 with Air Reduction Co. and affiliates.

Among the products to be shown by U. S. I. are important paint, varnish and lacquer solvents; dyestuff and pharmaceutical intermediates; and a group of unusual alcohol derived chemicals.

Diethyl Phthalate Solution Is Aid to Low-cost Blueprints

Process Makes Ordinary Paper Transparent For Blueprinting

BALTIMORE, Md.—U. S. I. Diethyl Phthalate, extensively used as a plasticizer for cellulose acetate and as a fixative in perfumes, will render ordinary paper sufficiently transparent for blueprinting, experiments at U. S. I. laboratories here have demonstrated. Any number of clean, distinct blueprints may be made from regular office records, sketches and similar material.

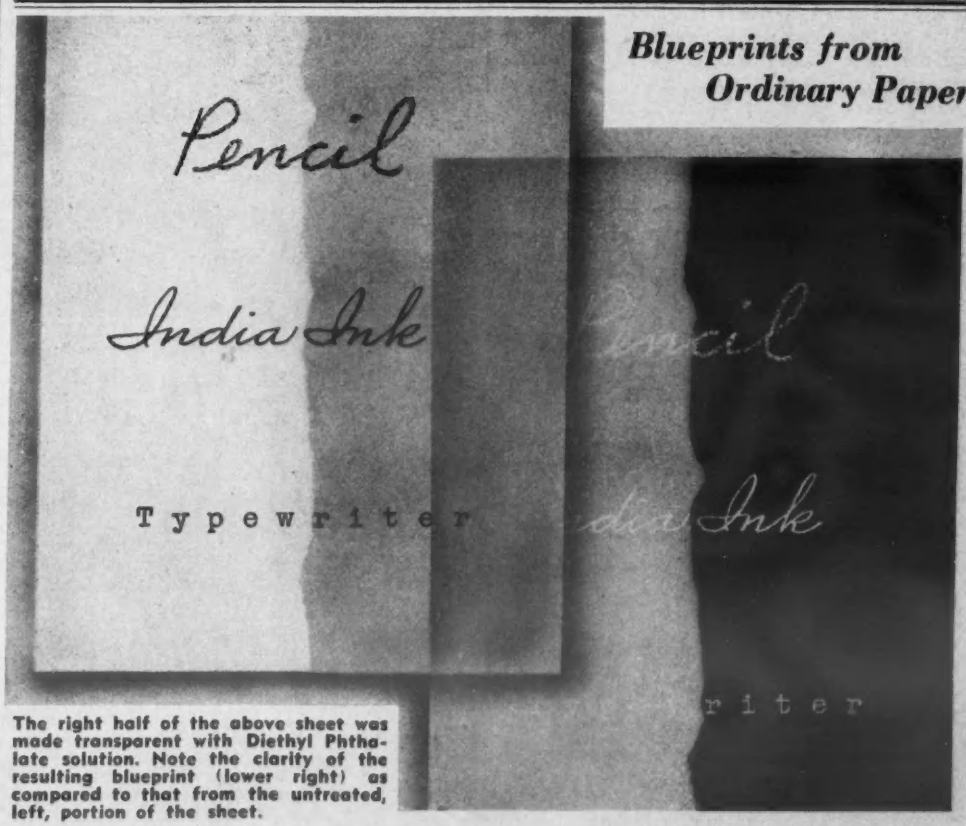
It was found that paper treated with 25% Diethyl Phthalate and 75% Solox (proprietary solvent of U. S. I.) became sufficiently transparent to transmit clearly the writing or drawing on it in the same manner as though the original writing had been made on tracing cloth.

Solox Solution Better

Preliminary tests were conducted with Diethyl Phthalate alone. While it proved possible to make blueprints from paper treated in this manner, further experiments showed a significant difference in favor of greater clarity when the Diethyl Phthalate-Solox solution was used in the proportion mentioned.

One important advantage of the method is its wide utlitity. Distinct prints can be produced from India ink, typewritten and even pencil originals. In general, however, India Ink yields the clearest copies. A comparison of the various prints is shown below.

(Continued on next page)



The right half of the above sheet was made transparent with Diethyl Phthalate solution. Note the clarity of the resulting blueprint (lower right) as compared to that from the untreated, left, portion of the sheet.

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DECEMBER ★ # SOLVENT NEWS ★ 1937

More Uniform Plastics Needed For Aircraft Says Bureau of St'ds

WASHINGTON, D. C.—Experiments now being conducted to determine the suitability of plastics for aircraft windows demonstrate the need for more uniform materials, it was revealed in a recent issue of the *Journal of Research of the National Bureau of Standards.*

However, the results so far obtained are inconclusive, it was emphasized, because only three of the plastics—cellulose acetate, cellulose nitrate and acrylate resin—submitted by manufacturers were recommended for use on aircraft.

Acrylate Ranks High

Cellulose acetate was found to have excellent impact strength, bursting strength and flexibility, but was subject to warping and crazing after a year of weathering, the Bureau stated. Acrylate resin ranked high in transparency and scratch resistance, but was deficient in impact strength and flexibility, according to the Bureau.

No change was noted in a sample of cellulose acetobutyrate that had been exposed to the weather for 12 months.

Other transparent plastics, however, such as cellulose nitrate, ethyl cellulose, vinylchloride acetate and vinyl acetal failed in resistance to weathering after approximately three months, the Bureau points out.

Diethyl Phthalate Aid To Low-cost Blueprints

(*Continued from previous page*)

Of the ordinary methods for duplicating important records and memoranda, blueprinting is generally conceded to be the most economical. Compared with photostating, its cost is roughly half when single duplicates are to be prepared. For a larger number of copies this differential is even more striking so that, for example, the cost of a dozen blueprints is approximately one-third the cost of a corresponding number of photostats.

Engineers, chemists and superintendents may secure further information on this process by writing to the U. S. Industrial Chemical Co., Inc.

Paint Material Exports 24% Above 1936 Period

Exports of American paint materials during the first three-quarters of 1937 were valued at $16,320,000, a gain of 26 per cent over the same period in 1936, according to C. C. Concannon, Chief of the Commerce Department's Chemical Division.

Ready-mixed paints, varnishes and lacquers enjoyed the same per cent increase to reach a value of $6,193,600, the department reports.

Shipments of chemical pigments are said to have been especially heavy due to a better demand for carbon black. During the first nine months of this year 164 million pounds, valued at $8,743,500, were shipped as compared to 128 million pounds, $6,845,000, in the same months of 1936.

Fluorescence Is Newest Tool For Paint Analysis

CINCINNATI, Ohio—A new approach to the problem of rapidly identifying some of the more important raw raterials used in paints and lacquers is fluorescence analysis, delegates at the recent convention of the National Paint, Varnish and Lacquer Ass'n. were told.

This same method, it was pointed out, has already been used with success in the examination of food products, drugs and cosmetics, and the results of eight months' experiments with paint materials have emphasized that it may become increasingly useful.

It was reported that although solvents and plasticizers, exposed to light from a quartz-mercury lamp, fluoresce only slightly, or not at all, resins exhibit characteristic emissions which make it possible for an experienced observer to differentiate between them.

White pigments can be definitely identified, the experimenters declared. Additional tests, they stated, indicate that bodied oils can be differentiated from raw oils by their greater fluorescence, and that chinawood oil can be differentiated from perilla and linseed.

To permit safer blasting operations in mines while miners are at work, mechanical substitutes for blasting powders are being used. This was reported in a recent article which also states that one of the substitutes is compressed carbon dioxide, a by-product of alcohol manufacture.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

A heat-indicating ink changes from red to black when heated and back to red on cooling, according to the manufacturers. It is suggested that the ink be used for labels on parts not readily painted with heat-indicating paint. **(No. 41)**

U S I

A new wetting agent for water, said to be 5 to 10 times more efficient than other commonly used wetting agents, can be used in hard water or acid solutions where soaps are not effective, according to its manufacturer. Its application on wall paper is said to cause the paper to release its hold on a wall almost immediately. **(No. 42)**

U S I

Two new self-emulsifying waxes said to be particularly suitable for making bright-drying finishes, are reported to dry to hard, transparent, glossy and waterproof films. Emulsification is accomplished, according to the manufacturers, by simply melting the wax and adding boiling water with agitation. Shellac or special resins may be added, it is stated. **(No. 43)**

U S I

A binder for aluminum flake is reported to blend readily with common aluminum paint vehicles and to accelerate drying. Paints formulated with this binder, according to the manufacturer, will not skin in the open package and are exceptionally elastic and water-proof. **(No. 44)**

U S I

A new luminescent paint, said to be non-toxic, can be applied by brush or by air-gun, according to a recent announcement. It is claimed that this paint will glow in fhe dark for about twelve hours after it has been exposed to the light and, on being re-exposed for 20 to 30 seconds, will "re-charge." **(No. 45)**

U S I

A new valve (or faucet) for metal and glass containers is said to eliminate the need for a vent. The manufacturer states that the valve can cut a hole in a sealed metal can and be screwed in air-tight and leak-proof. **(No. 46)**

U S I

A paint primer for metal is reported to penetrate rust and make it chemically inert, expel moisture and prevent further rust. Paint or oil enamels may be applied over it, but not lacquers or synthetics, it is stated. **(No. 47)**

U S I

Special labels for difficult surfaces were announced recently. The manufacturer says they will stick to aluminum, to printed and to other unusual surfaces and no special moistening solution is required. **(No. 48)**

U S I

A new type of roll leaf for stamping and embossing, recently announced, is made on a web of transparent cellulose for flexibility and adaptability. According to the manufacturer it is available in gold-bronze, aluminum and pigment colors and is suitable for box tops, leather articles, wood handles, plastics, etc. **(No.49)**

U.S. INDUSTRIAL ALCOHOL CO.
INDUSTRIAL CHEMICAL CO., INC.

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95%, 97% and Pure
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COLLODIONS
U.S.P., U.S.P. Flexible and Photo
NITROCELLULOSE SOLUTIONS

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DIBUTYL PHTHALATE
DIETHYL PHTHALATE
DIMETHYL PHTHALATE

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ACETOACET-O-TOLUIDID
ETHYL ACETOACETATE
SODIUM ETHYL OXALACETATE
PARACHLOR-O-NITRANILINE

ACETONE
DIBUTYL OXALATE
DIETHYL OXALATE
ETHYL CHLORCARBONATE
ETHYLENE
URETHANE

***CURBAY BINDER**
POTASH BY-PRODUCTS

*Trade-mark registered

Oil, lavender flower, French, USP, 50% ester, cns	lb.	5.50	- 5.60
USP, 38-42% ester, cns	lb.	4.80	- 4.90
XI, 35% ester, cns	lb.	4.00	- 4.50
XI, 30% ester, cns	lb.	2.80	- 3.00
IX, 30% ester, cns	lb.	2.65	- 2.75
VIII, 30% ester, cns	lb.	2.25	- 2.35
garden, cns	lb.	.42	- .45
Spike, Spanish, tech., cns	lb.	1.05	- 1.10
dms	lb.	.95	- 1.10
Lemon, Calif., cns	lb.	2.50	- —
Messina, coppers, cns	lb.	2.55	- 2.75
Lemongrass, native, cns., dms.,	lb.	.42	- .43
Lime, dist., cans	lb.	5.40	- 6.00
expressed, cans	lb.	8.75	- 9.25
Linaloe wood, cns	lb.	1.30	- 1.40
Linseed, boiled, bbls., c.l.	lb.	.1080-	—
l.c.l., 5 or more	lb.	.1120-	—
less than 5	lb.	.1160-	.1180
tanks	lb.	.1020-	—
double boiled, bbls., less than 5	lbs.	.1180-	.1200
raw, bbls., c.l.	lb.	.1040-	—
l.c.l., 5 or more	lb.	.1080-	—
less than 5	lb.	.1120-	—
tanks	lb.	.0980-	—
Lovage, bots	lb.	41.25	-42.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—			
California, green, 70, 80, 100 vis., dms	gal.	.20	- —
140 vis., dms	gal.	.25	- —
green, pale, 750, 900 vis., dms	gal.	.26	- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., dms	gal.	.26	- —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks	gal.	.19½	- —
15-25 pour, tanks	gal.	.18½	- —
150-160 D, color 4½, 0-10 pour, tanks	gal.	.21	- —
15-25 pour, tanks	gal.	.20	- —
150-160 E, color 5½, 15-25 pour, tanks	gal.	.19½	- —
190-200 D, color 4½, 15-25 pour, tanks	gal.	.24	- —
200-210 E, 15-25 pour, tanks	gal.	.25	- —
neutrals, 0-10 pour, 150 vis., 3 color, tanks	gal.	.13	- —
180 vis., 3 color, tanks,	gal.	.14	- —
4 color, tanks	gal.	.13½	- —
200 vis., 3 color, tanks,	gal.	.14½	- —
4 color, tanks	gal.	.14	- —
250 vis., 3 color, tanks,	gal.	.15½	- —
4 color, tanks	gal.	.15	- —
280 vis., 3 color, tanks.	gal.	.16½	- —
4 color, tanks	gal.	.16	- —
300 vis., 3½, color, tanks	gal.	.17	- —
350 vis., same basis	gal.	.17½	- —
400 vis., same basis	gal.	.18	- —
500 vis., same basis	gal.	.18½	- —
600 vis., same basis	gal.	.19	- —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour			
Penn., bright, 600 cold test, 10-40 pour, tanks	gal.	.20	- —
10-15 pour, tanks	gal.	.21	- —
cylinder, 600 fire, tanks,	gal.	.12	- —
600 flash, tanks	gal.	.16	- —
630 flash, tanks	gal.	.19	- —
635 fire, tanks	gal.	.13½	- —
650 fire, tanks	gal.	.16	- —
Warren, E, amber, tanks,	gal.	.17	- —
neutral, 150 vis., 3 color, tanks	gal.	.24	- —
180 vis.,3 color,tanks	gal.	.26	- —
200 vis.,2 color,tanks	gal.	.28½	- —
spot, Penna., bright, bbls., cl., f.a.s.	gal.	.32	- —
unfiltered, 600 s.r.	bbls. f.a.s.	gal.	.24½ - —
600 flash, s.r., bbls., c.l.,	gal.	.28	- —
650 s.r., bbls., c.l., f.a.s.	gal.	.28	- —
Warren, E. bbls., c.l., f.a.s.	gal.	.27	- —
smaller lots, f.o.b.	gal.	.29	- —
Mace, dist., cns., dms	lb.	1.25	- 1.30
Mandarin, superior, coppers	lb.	7.50	- 7.75
Menhaden, crude, tanks, f.o.b. Balto.	gal.	.34	Nom.
refd., alkali, dms	lb.	.0800-	.0820
tanks	lb.	.0740-	—
blown, dms	lb.	.0800-	.0820
kettle-boiled, dms	lb.	.0900-	.0920
light pressed, dms	lb.	.0740-	.0760
tanks	lb.	.0670-	—
Mineral, white (see Oil, white mineral)			
Mustard, artif., USP, cns	lb.	1.90	- 2.00
dist., natural, bots	lb.	8.50	- 9.00
expressed, bbls	lb.	.90	- .95
Neatsfoot, cold test, bbls	lb.	.17¼	- —
extra, bbls	lb.	.09¾	- —
1, bbls	lb.	.09¼	- —
pure, bbls	lb.	.12¾	- —
prime, bbls	lb.	.11½	- —
sulphonated, common, 25% moisture, dms	lb.	.10½	- —
Neroli, bots	lb.	115.00	-140.00
Nutmeg, USP, cns., dms	lb.	1.25	- 1.30
Oiticica, dms	lb.	.14	Nom.
Oleo, 1, bbls	lb.	.12½	- —
2, bbls	lb.	.12	- —
Olibanum, bots	lb.	5.00	- 5.25
Olive, denat., bbls	gal.	1.15	- 1.20
edible, bbls	gal.	2.35	Nom.
foots, bbls	lb.	.09¾	- .09¾
sulphonated, 50% (43% fat), dms., c.l.	lb.	.12	- —
l.c.l.	lb.	.12½	- —
75% (63% fat), dms., c.l.	lb.	.15½	- —
l.c.l.	lb.	.16	- —
80% (68% fat), dms., c.l.	lb.	.16½	- —
l.c.l.	lb.	.17	- —
Orange, sweet, dist., cs	lb.	.90	- —
expressed, African, cns., dms.	lb.	1.50	- 1.55
Calif., cns	lb.	1.75	- —
Florida, cns	lb.	1.75	- —
Messina, USP, coppers	lb.	2.25	- 3.00
West India, cns	lb.	1.95	- 2.00
Origanum, Spanish, cns	lb.	.90	- 1.00
Orris, Florentine, concrete, extra strong, bots., cs.		5.25	- 5.50
Palm, Niger, cks	lb.	.04	Nom.
shipment	lb.	.0355	Nom.
softs, 12½%, bulk shipt	lb.	.0365	Nom.
20%, bulk, shipt	lb.	.0350	Nom.
Sumatra, shipment, bulk	lb.	.0375	Nom.
Palmarosa, cns	lb.	2.40	- 2.60
Palmkernel, bulk, shipt	lb.	.04½	Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3.	gal.	.05¼	- —
330° flash, 70-80 vis., tanks, G. 3.	gal.	.05¼	- —
80-85 vis., bbls., extra, Ind. refy.	gal.	.12	- —
350° flash, 100-105 vis., bbls. extra, Ind. refy.	gal.	.14	- —
360° flash, 100-110 vis., tanks, G. 3.	gal.	.05¾	- —
Patchouli, bots., cns	lb.	5.00	- 8.50
Peanut, crude, dom, tanks, works	lb.	.06¾	Nom.
refd., edible, bbls	lb.	.10	Nom.
Pennyroyal, dom., cns	lb.	1.40	- 1.45
import, cns	lb.	1.40	- 1.50
Peppermint, natural, cns., dms.,	lb.	2.15	- 2.40
redist., USP, cns., dms	lb.	2.35	- 2.60
Perilla, dms	lb.	.11¾	- .12
tanks	lb.	.11¼	- —
Oil, petitgrain, Paraguay, cns.	lb.	1.10	- 1.25
Pimento berry, cns	lb.	3.65	- 7.50
leaf, cns	lb.	2.40	- 2.50
Pine, dest.-dist., straw-color, dms., dlvd., E. ports	gal.	.52	- .55
steam-dist., dms	gal.	.69	- —
tanks	gal.	.64	- —
Pineneedle, Siberian, cns	lb.	1.02	- 1.05
Putty, bbls., El Segundo, Richmond, Cal.	gal.	.22½	- —
contracts	gal.	.19¼	- —
Whiting, Ind	gal.	.28	- —
dms., c.l., Bost., Provid.	gal.	.25	- —
l.c.l., same basis	gal.	.27	- —
tanks, same basis	gal.	.18	- —
Martinez, Cal	gal.	.28	- —
Rapeseed, blown, bbls	lb.	.14½	- .14¾
denat., bbls	gal.	.90	- .91
Red, dist. or saponif, bbls. dlvd.	lb.	.09⅝	- .10⅝
dms., dlvd	lb.	.09½	- .10½
tanks, dlvd	lb.	.08¾	- .09¾
white, dms	lb.	.12¼	- .13
Rose, artif., bots	oz.	2.00	- 8.00
natural, coppers	oz.	5.25	-22.50
Rosemary, Spanish, cns	lb.	.56	- .75
dms.,	lb.	.51	Nom.
Rosin, 1st rectfd., dms	gal.	.52	- .54
2d rectfd., dms	gal.	.54	- .56
3d rectfd., dms	gal.	.58	- .60
Rue, bots	lb.	2.15	- 2.20
Sage, cns	lb.	1.50	- 1.55
Sandalwood, Australia, cns	lb.	4.50	- 5.00
E.I., USP, cns	lb.	5.25	- 5.50
Sardine, crude, tanks, Pac. Cst.,	gal.	.37	Nom.
refd., alkali, dms	lb.	.0800-	.0820
tanks	lb.	.0740-	—
kettle-bodied, dms	lb.	.0900-	.0920
light, pressed, dms	lb.	.0740-	.0760
tanks	lb.	.0670-	—
Sassafras, artif., cns	lb.	.37	- .38
dms	lb.	.34	- .35
natural, cns., dms	lb.	.90	- 1.05
Savin, cns	lb.	1.50	- 1.60
Savory, cns	lb.	3.15	- 3.20
Sesame, dom., refd., white, dms,	lb.	.10½	Nom.
Shingle stain, bbls., c.l., works,	gal.	.18	- —
l.c.l., works	gal.	.21	- —
tanks, works	gal.	.14	- —
Snakeroot, Canada, cns	lb.	10.00	-11.00
Soybean, dom., crude, dms.	lb.	.0750-	.0800
tanks	lb.	.0700-	—
refd., dms	lb.	.0850-	.0900
tanks	lb.	.0800-	—
Spearmint, USP, cns	lb.	1.65	- 1.70
Sperm, bleach, 38°, dms	lb.	.1000-	.1020
45°, dms	lb.	.0930-	.0950
natural, dms	lb.	.0880-	.0900
Spruce, cans	lb.	1.05	- 1.10
Sweet birch, North, cns	lb.	3.25	- 3.50
South, cns	lb.	1.65	- 2.00
Tallow, acidless, bbls	lb.	.09¾	- —
tanks	lb.	.09¼	- —
Tansy, cns	lb.	4.00	- 4.25
Tar, com'l, dms., c.l., dlvd., E. cities	gal.	.26	- —
E. ports	gal.	.25	- —
l.c.l.	gal.	.26	- —
tanks, dlvd. E. cities	gal.	.20	- —
rectfd., USP, bbls., dlvd. E. ports	gal.	.50	- —
Tar acid (see T).			
Teaseed, crude, dms	lb.	.09	- .09¼
Tea Tree (see Oil, ti tree).			
Thyme, NF, red, dms	lb.	.69	- 1.50
white, dms	lb.	.78	- 1.70
Ti tree, cns	lb.	3.50	- 4.00
Tung (see Oil, chinawood).			
Turkey red (see Oil, castor, sulphonated).			
Turpentine (see T).			
Turtle, cns	gal.	4.25	- 5.00
Valerian, bots	lb.	12.00	-14.00
Vetiver, bots	lb.	6.00	-16.50
Walnut, crude, dms	lb.	.13	- —
refd., dms	lb.	.14¼	- —
Whale, refd., natural, dms.	lb.	.0940-	.0960
winter, bleach, dms	lb.	.0980-	.1000
Wheat germ, cns., dms	gal.	27.50	-30.00
White, mineral, dom., tech., 50-60 vis., dms	gal.	.42	- .44
65-75 vis., dms	gal.	.44	- .46
80-90 vis., dms	gal.	.45	- .47
USP, 80-90 vis., dms.	gal.	.54	- .56
95-105 vis., dms	gal.	.63	- .65
125-135 vis., dms	gal.	.75½	- .77½
140-150 vis., dms	gal.	.76½	- .78½
175-185 vis., dms	gal.	.78½	- .80½
200-210 vis., dms	gal.	.80	- .82
320-330 vis., dms	gal.	.85½	- .87½
335-345 vis., dms	gal.	.87	- .89
Russian, 80-90 vis., dms.,	gal.	.54	- —
145-155 vis., dms	gal.	.74½	- —
175-185 vis., dms	gal.	.76½	- —
335-345 vis., dms	gal.	.85	- —
Wintergreen, natural, North, cns.	lb.	4.00	- 8.00
South, cns	lb.	3.35	- 3.75
synth. (see Methyl salicylate).			
Wood (see Oil, chinawood).			
Wormseed, cns	lb.	2.50	- 2.60
Wormwood, cns	lb.	2.65	- 2.70
Ylang-ylang, Bourb., bots., cns.,	lb.	3.50	- 6.00
Manila, bots	lb.	18.00	-24.00
Opium, USP, cns	lb.	11.50	-12.50
gran., cns	lb.	12.50	-13.50
powd., cns	lb.	12.50	-13.50
Orange, Lake, Persian, bbls	lb.	.30	- .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.11	- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.11½	- —
Colo., Mont., N. M., Wyo.	lb.	.11¼	- —
Other points	lb.	.10¾	- —
smaller lots, dlvd. Ala., etc.	lb.	.11½	- —
Ariz., etc	lb.	.12	- —
Colo., Mont., N. M., Wyo.	lb.	.11¾	- —
Other points	lb.	.11¼	- —
French, Tours, cake, ex dock,	lb.	.17	- —
kgs., ex dock	lb.	.18½	- —
Molybdate, bbls	lb.	.31	- —
Toner, bbls	lb.	.80	- —
Orangeflower petals, cs	lb.	.35	- .40
Orange peel, bitter, bis	lb.	.08	- .09
Sweet, bis	lb.	.10	- .11
Orris root, Florentine, bgs	lb.	.10	- .11
fingers, cs	lb.	.90	- .95
powd., bbls., bxs	lb.	.14	- .15
Verona, bis	lb.	.09	- .10
powd., bxs., cs	lb.	.13	- .14
Orthoanisidin, bbls	lb.	.70	- .74
Orthochloroaniliu, dms	lb.	.60	- .75
Orthochlorophenol, dms	lb.	.35	- .76
Orthocresol, dms., c.l., works	lb.	.13½	- —
l.c.l., same basis	lb.	.14½	- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies	lb.	.06	- —
l.c.l., dms., same basis	lb.	.07	- —
100-lb. tins, same basis	lb.	.08	- —
50-lb. tins, same basis	lb.	.09	- —
tanks, same basis	lb.	.05½	- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.			
Orthonitroaniliu, dms	lb.	.55	- —
Orthonitrochlorobenzene, kgs.	lb.	.28	- .29
Orthonitroparachlorophenol, cns.	lb.	.70	- .75
Orthonitrotoluene, dms	lb.	.07	- —
Orthotoluene sulphonate, kgs.	lb.	2.00	- 2.05
Orthotoluidin, dms	lb.	.14	- —
Osage orange extract, cryst., bbls.,	lb.	.17	- .19
liquid, 51°, bbls	lb.	.07	- .08
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50	- —
bots., cns., 1-50 lbs	lb.	3.65	- 4.00

P

Papain, powd., cs	lb.	2.25	- 2.50
Paprika, Hungarian, extra fancy, bgs.	lb.	.21	- .22
medium, bgs	lb.	.19½	- .20
Spanish, extra fancy, cs	lb.	.25½	- .26
fair, bgs	lb.	.21	- .21½
fancy, bgs	lb.	.25	- .25½
medium, bgs	lb.	.23	- .24
Para-aminoacetanilide, kgs	lb.	.85	Nom.
Para-amylphenol, tertiary, dms., c.l., works.	lb.	.26	- —
Parachlorophenol, dms	lb.	.30	- .45
Paracymene, refd., dms	gal.	.75	- 1.25
Paradichlorobenzene, dms., c.l.	lb.	.11	- .12
l.c.l., dms	lb.	.12½	- .14½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.03	- —
bbls., c.l., N. Y.	lb.	.0295	- —
124-126 A.m.p., bgs., c.l., Okla., refy	lb.	.03¼	- —
bbls., c.l., N. Y.	lb.	.03	- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb.	.02¾	Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l.	lb.	.0445	- —
export, f.a.s., N. Y.	lb.	.0465	- —
125-127 A.m.p., bgs., c.l.	lb.	.0455	- —
export, f.a.s., N. Y.	lb.	.0474	- —
128-130 A.m.p., bgs., c.l.	lb.	.0480	- —
export, f.a.s., N. Y.	lb.	.05	- —
130-132 A.m.p., bgs., c.l.	lb.	.0495	- —
export, f.a.s., N. Y.	lb.	.0515	- —
133-135 A.m.p., bgs., c.l.	lb.	.0555	- —
export, f.a.s., N. Y.	lb.	.0574	- —
135-137 A.m.p., bgs., c.l.	lb.	.0580	- —
export, f.a.s., N. Y.	lb.	.06	- —
138-140 A.m.p., bgs., c.l.	lb.	.0635	- —
143-145 A.m.p., bgs., c.l.	lb.	.0790	- —
refined paraffin prices in cases are ½c. lb. higher than bags price.			
match, A.m.p. up to and incl. 110-112 bbls., c.l.	lb.	.03¼	- —
semirfd., solid, 122-124 A.m.p., bgs.	lb.	.03¼	Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.	lb.	.34	- —
100 to 900 lbs. shipments, same basis	lb.	.35	- —
Paraldehyde, tech., dms., wks.	lb.	.16	- .18
USP, chys	lb.	.37	- .45
Paranitroanilin, kgs., c.l., works,	lb.	.45	- —
l.c.l., works	lb.	.47	- —
Paranitrochlorobenzene, kgs.	lb.	.23½	- .24
Paranitrophenol, kgs	lb.	.35	- .37
Paranitrotoluene, kgs	lb.	.25	- —
Paraphenylenediamine, bbls.	lb.	1.25	- 1.30
Paratoluenesulphonamide, bbls.	lb.	.70	- .75
Paratoluidin, bbls	lb.	.56	- —
Pareira brava root, bls	lb.	.15	- .16
Paris green, dealer, dms., cans, f.o.b. works frt. all'd	lb.	.25½	- .27½
less car lot, same basis.	lb.	.26½	- .28½
Passion flower herb, bls	lb.	.06½	- .07
Patchouli leaves, bls	lb.	.14	- .15
Pellitory root, bls	lb.	.18	- .20
Pennyroyal, bls	lb.	.14	- .15
Pentane, norm., 28-38°, dms., c.l., G.3.	gal.	.12½	- —
l.c.l., G.3	gal.	.16	- —
tanks, G.3	gal.	.08½	- —
laboratory grade, dms., c.l., G.3.	gal.	.16	- —
l.c.l., G.3	gal.	.23	- —
Pepper, black, Alleppy, bgs	lb.	.07¼	- .07½
Lampong, bgs	lb.	.05	- .05¼
Tellicherry, bgs	lb.	.08¾	- .09
Red, birdseye, bgs	lb.	.15	Nom.
Japanese 1, bgs	lb.	.15	- .15¼
Mombassa, bgs	lb.	.18	- .18½
White, Java, Muntok, bgs	lb.	.08½	- .08½
Singapore, Muntok, bgs	lb.	.08	- .08¼
Peppermint leaves, dom., bls	lb.	.32	- .33
import, bls	lb.	.38	- .40
Peru, balsam, dms	lb.	.84	- .85
Petrolatum, amber, bbls., c.l.,	lb.	.02¾	- .03
l.c.l.	lb.	.04	- .04¼
extra, bbls	lb.	.03¼	- .03¼
l.c.l.	lb.	.04¼	- .04½
cream (see white, cream)			
green (see red)			
red, veterinary, bbls., c.l.	lb.	.02¾	- .02⅞
l.c.l.	lb.	.03¾	- —
white, cream, bbls., c.l.	lb.	.05	- .05¼
l.c.l.	lb.	.06½	- —
lily, bbls., c.l.	lb.	.06	- .06¼
l.c.l.	lb.	.07½	- —
snow, bbls., c.l.	lb.	.07	- .07¼
l.c.l.	lb.	.08¾	- —
Petroleum, crude, bulk, at wells:—			
California:—			
Alamitos Heights	bbl.	.74	- .95
Athens	bbl.	.84	- 1.06
Beiridge	bbl.	.70	- 1.32
Buena Vista Hills	bbl.	.70	- 1.38
Coalinga	bbl.	.70	- .90
Coyote Hills (West)	bbl.	.78	- 1.32
Dominguez	bbl.	.79	- 1.00
East Coyote	bbl.	.76	- .96
Elk Hills	bbl.	.70	- 1.38
Elwood Terrace, f.o.b. ship.,	bbl.	1.28	- 1.43
El Segundo	bbl.	.80	- 1.21
Huntington Beach	bbl.	.78	- 1.22
Inglewood	bbl.	.79	- 1.27
Kern Front	bbl.	.70	- —
Kern River	bbl.	.70	- —
Kettleman Hills	bbl.	1.19	- 1.43
La Habra	bbl.	.76	- .96
Lakeview	bbl.	.70	- 1.38
Lost Hills	bbl.	.70	- 1.32
McKittrick	bbl.	.70	- —
Midway - Sunset (except Lakeview)	bbl.	.70	- 1.38
Montebello	bbl.	.77	- 1.43
Mt Poso	bbl.	.70	- —
Mountain View	bbl.	.70	- 1.20
Newhall	bbl.	.70	- —
Orcutt	bbl.	.70	- .96
Olinda Brea	bbl.	.76	- 1.27
Playa del Rey, f.o.b. pipeline	bbl.	.80	- 1.16
Richfield	bbl.	.78	- 1.09
Rosecrans	bbl.	.84	- 1.06
Round Mt.	bbl.	.70	- —
Santa Fe Springs	bbl.	.78	- 1.42
Santa Paula	bbl.	.70	- 1.01
Seal Beach	bbl.	.79	- 1.19
Signal Hill	bbl.	.80	- 1.21
Torrence	bbl.	.80	- 1.06
Wheeler Ridge	bbl.	.70	- .83
Whittier	bbl.	.76	- .96
Wilmington	bbl.	.75	- 1.21
Canada:—			
Oil Springs	bbl.	2.17	- —
Petrolia	bbl.	2.10	- —
Central West:—			
Illinois	bbl.	1.35	- —
Lima	bbl.	1.25	- —
Midland (Mich.)	bbl.	1.42	- —
Princeton	bbl.	1.35	- —
East Texas	bbl.	1.35	- —

Oil, Lavender—Petrol. Naphtha

Petroleum, crude, bulk, at wells—California:—			
Gulf Coast:—			
Barber's Hill	bbl.	.95	- 1.41
Batson	bbl.	.95	- 1.41
Dayton	bbl.	.95	- 1.41
Esperson	bbl.	.95	- 1.41
Goose Creek	bbl.	.95	- 1.41
Hull	bbl.	.95	- 1.41
Humble	bbl.	.90	- 1.41
Liberty	bbl.	.90	- 1.41
Markham	bbl.	.90	- 1.29
Orange	bbl.	.95	- 1.41
Pettus	bbl.	1.37	- —
Pierce Junction	bbl.	.95	- 1.41
Refugio (incl. Greta, Taft, Saxet)	bbl.	1.01	- 1.17
Saratoga	bbl.	.95	- 1.41
Sour Lake	bbl.	.90	- 1.41
Spindle Top	bbl.	.95	- 1.41
Sugarland	bbl.	.95	- 1.41
West Columbia	bbl.	.95	- 1.41
Kentucky, Tennessee:—			
Big Sandy river	bbl.	1.42	- —
Kentucky river	bbl.	1.50	- —
Western Kentucky (Owensboro)	bbl.	1.40	- —
Louisiana, Arkansas:—			
Bull Bayou	bbl.	.90	- 1.22
Caddo	bbl.	.90	- 1.22
Cameron Meadows	bbl.	.90	- 1.30
Choctaw	bbl.	.90	- 1.30
Cotton Valley	bbl.	.90	- 1.22
Darrow	bbl.	.90	- 1.30
De Soto	bbl.	.90	- 1.22
El Dorado	bbl.	.90	- 1.22
Haynesville	bbl.	.90	- 1.22
Homer	bbl.	.90	- 1.22
Iowa	bbl.	.90	- 1.30
Lockport	bbl.	.90	- 1.30
Miller County	bbl.	.90	- 1.22
Pine Island	bbl.	.90	- 1.22
Rainbow	bbl.	.90	- 1.22
Rodessa	bbl.	.90	- 1.22
Smackover	bbl.	.90	- —
Tepetate	bbl.	1.24	- —
Urania	bbl.	1.02	- —
Mexico, f.o.b. terminals Mexican ports—based on contract:—			
Panuco	bbl.	1.05	- —
Tax, 16.048 c. per bbl.			
Tuxpan	bbl.	No prices.	
Tax, 26.047c. per bbl.			
Midcontinent:—			
North Texas	bbl.	.96	- 1.20
Oklahoma-Kansas	bbl.	.98	- 1.30
Altus, Tipton (Okla.),	bbl.	.96	- 1.30
Pennsylvania, Ohio, West Virginia:—			
Bradford-Allegany	bbl.	2.20	- —
Corning	bbl.	1.27	- —
Pennsylvania grade, in Buckeye lines	bbl.	1.70	- —
Eureka lines	bbl.	1.82	- —
N. Y. Transit lines	bbl.	2.20	- —
S.W. Penn. lines	bbl.	1.88	- —
lower district in National Transit lines	bbl.	2.10	- 2.15
Rocky Mountain:—			
Big Muddy	bbl.	1.18	- 1.28
Canon City-Florence	bbl.	1.10	- —
Cat Creek	bbl.	1.40	- —
Dutton Creek	bbl.	1.06	- 1.30
Elk Basin	bbl.	1.30	- —
Fort Collins-Wellington	bbl.	1.01	- 1.25
Frannie, light	bbl.	.82	- —
Grass Creek	bbl.	1.30	- —
Greybull	bbl.	1.30	- —
Iles	bbl.	1.12	- 1.18
Lance Creek	bbl.	.97	- —
Midway	bbl.	1.06	- 1.30
Rock Creek	bbl.	1.20¼	- —
Salt Creek	bbl.	1.06	- 1.30
Sunburst	bbl.	1.20	- —
Torchlight	bbl.	1.30	- —
South, Central and Southwestern Texas:—			
Cass County	bbl.	.96	- 1.25
Cleveland-Liberty	bbl.	1.27	- —
Conroe	bbl.	1.20	- 1.44
Darst Creek	bbl.	1.09	- —
Hardin-Liberty	bbl.	1.15	- —
Luling	bbl.	1.00	- —
Lytton Springs	bbl.	1.12	- —
Mirando (incl. Duval)	bbl.	.96	- 1.36
Panola County	bbl.	.93	- 1.25
Salt Flat	bbl.	1.09	- —
Tomball	bbl.	1.20	- 1.44
Van	bbl.	1.10	- —
Texas Panhandle:—			
Carson-Hutchinson counties,	bbl.	.91	- 1.08
Gray County	bbl.	.96	- 1.08
West Texas:—			
Artesia, N. M.	bbl.	.90	- —
Crane	bbl.	.78	- 1.08
Crockett	bbl.	.78	- 1.08
Ector	bbl.	.78	- 1.08
Glasscock	bbl.	.78	- 1.08
Hogback	bbl.	1.33	- —
Howard	bbl.	.78	- 1.08
Jackson, N. M.	bbl.	.90	- —
Lea, N. M.	bbl.	.78	- 1.08
Maljamar, N. M.	bbl.	.90	- —
Mitchell	bbl.	.78	- 1.08
Pecos	bbl.	.91	- —
Upton	bbl.	.78	- 1.08
Winkler	bbl.	.78	- 1.08
Ether, 30-60°, dms., c.l., G. 3.	gal.	.14	- —
l.c.l., G.3	gal.	.17	- —
tanks, G.3	gal.	.13	- —
55-60°, dms., l.c.l., G.3	gal.	.35	- —
40-75°, dms., c.l., G.3	gal.	.14	- —
l.c.l., G.3	gal.	.16	- —
tanks, G.3	gal.	.13	- —
laboratory grade, dms., c.l., G.3.	gal.	.16	- —
c.l., G.3	gal.	.25	- —
10-gal. lots, G.3	gal.	.50	- —
Lacquer, diluent, at refinery:—			
California 60, 100 i.b.p., 203 e.p., tanks, delvd. Los Angeles	gal.	.11	- —
San Francisco	gal.	.11½	- —
f.o.b. Richmond	gal.	.11½	- —
Willbridge, Ore.; Pt. Wells, Wash.	gal.	.12	- —
East Coast, tanks	gal.	.12	- .12½
Group 3, tanks	gal.	.08¾	- —
Naphtha, cleaners at refinery:—			
East Coast, tanks	gal.	.10	- —
Group 3, tanks	gal.	.07¾	- —
tankwagon, Boston, ex-tax,	gal.	.13	- —
Bridgeport	gal.	.13½	- —
Chicago, inc. 4c. tax	gal.	.172	- —
Decatur, inc. 4c. tax	gal.	.19	- —
Des Moines, inc. 4c. tax	gal.	.188	- —
Evansville, inc. ex tax	gal.	.14½	- .15½
Milwaukee, inc. 5c. tax,	gal.	.203	- —
Minneapolis-St. Paul, inc. 5c. tax	gal.	.204	- —
Newark, ex tax	gal.	.12	- —
New York, ex tax	gal.	.12	- —
Omaha, ex tax	gal.	.144	- .154
Oklahoma City, ex tax	gal.	.16	- —
Philadelphia, ex tax	gal.	.11½	- —
St. Louis, inc. 1c. tax	gal.	.167	- —
Syracuse, 150 gals	gal.	.14	- —
smaller lots, galv. drums,	gal.	.16	- —
milk cans	gal.	.21	- —

Pet., Naphtha—Potash, Ricin.

Petroleum, naphtha, high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway..gal. .18- —
2, over 90% arom., same basis..gal. .21 - —
3, tanks, f.o.b. Bayway..gal. .16 - —
8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N, J....gal. .17 - —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt...gal. .16¼- —
30, same basis.....gal. .18½- .19
40, same basis.....gal. .14½- .15½
V. m. & p., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 i.b.p., 310 e.p. tanks, dlvd. Los Angeles..gal. .10 - —
San Francisco...gal. .10½- —
Portland, Seattle..gal. .11 - —
East Coast, tanks.....gal. .11 - —
Group 3, tanks.....gal. .07½- —
tankwagon, Boston, ex tax gal. .13 - .14
Chicago, inc. 4c. tax..gal. .161 - —
Decatur, inc. 4c. tax..gal. .19 - —
Des Moines, inc. 4c. tax.gal. .188 - —
Evansville, Ind.,ex tax.gal. .147 - .157
Milwaukee, inc. 5c.tax.gal. .203 - —
Minneapolis-St. Paul, inc. 4c. tax..gal. .204 - —
Newark, ex tax.....gal. .13½- —

Petroleum, naphtha, v. m. & p., tankwagon, New York, ex tax..gal. .12 - —
Omaha, ex tax.....gal. .144 - .154
Philadelphia, ex tax...gal. .12½- —
St. Louis, inc. 1c. tax.gal. .157 - —
Solvent, rubber, at refinery, East Coast, tanks..gal. .10 - —
Group 3, light, 120 i.b.p., 250 e.p., tanks..gal. .07½- —
standard, 180 i.b.p., 288 e.p., tanks..gal. .07½- —
Stoddard (CS 3-28), at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06½- —
tankwagon, Boston, ex tax, gal. .12½- .13½
Chicago, inc. 4c. tax..gal. .155 - —
Decatur, inc. 4c. tax..gal. .18 - —
Des Moines, inc. 4c. tax.gal. .178 - —
Evansville, Ind., ex tax.gal. .135 - .145
Milwaukee, inc. 5c. tax, gal. .196 - —
Minneapolis - St. Paul, inc. 5c. tax..gal. .18 - —
Newark, ex tax.....gal. .11½- —
New Orleans, ex tax..gal. .11 - —
New York, ex tax.....gal. .11½- —
Omaha .....gal. .131 - .141
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 1c .tax.gal. .146 - —
Tulsa, ex tax.....gal. .10 - .14
thinner, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles....gal. .14 - —
Portland, Ore.....gal. .15 - —
Richmond .....gal. .13½- —
Seattle, Wash....gal. .15½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.: Willbridge, Ore., gal. .10½- —
Richmond .....gal. .10 - —
Southern Calif....gal. .09½- —

Petroleum, thinner, at refinery, 36, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Portland, Ore.....gal. .12 - —
Richmond .....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .09½- .10
47-49, tanks.....gal. .09½- .10
New Jersey, tanks...gal. .09 - —
Group 3, tanks.....gal. .06⅝- —
tankwagon, tax included:—
Albany .....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .15½
25-99 gals.....gal. .13½- .15½
Boston .....gal. .12½- .13½
Bound Brook, North Amboy, N. J..gal. .11½- .13½
Bridgeport, Conn. ....gal. .13 - —
Buffalo .....gal. .12½- —
Camden, N. J.....gal. .115 - .135
Chicago .....gal. .159- —
Decatur, Ill. .....gal. .18 - —
Des Moines .....gal. .178 - —
Evansville, Ind.....gal. .137 - .147
Milwaukee .....gal. .193 - —
Minneapolis-St. Paul..gal. .194 - —
Newark .....gal. .09½- —
New York (200 gals.).gal. .11 - —
smaller lots .....gal. .11½- .12
Omaha .....gal. .131 - .141
Philadelphia .....gal. .115 - .135
Pittsburgh .....gal. .12 - .14
Providence .....gal. .12½- .13½
Rochester .....gal. .12 - .16
St. Louis .....gal. .147 - —
Syracuse .....gal. .14 - —
Trenton .....gal. .11½- .14
Wilmington, Del.....gal. .11½- .13½
Phenobarbital, bots., 5 lbs....lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs..lb. 4.00 - —
cns., 25 lbs.....lb. 4.25 - —

Phenol, USP, dms., c.l., works, frt. equald..lb. .14½- .15½
l.c.l., same basis.....lb. .15¼- .16¼
under 1,000 lbs.....lb. .16¼- .17¼
tanks, works.....lb. .13½- —
Phenolphthalein, USP, bbls., dms. 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs. lb. .87 - .89
yellow, fib., dms., 2,000-lb. lots. lb. .80 - —
100-lb. fib. dms.....lb. .82 - —
25-lb. dms.....lb. .87 - —
50-lb. kgs.....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 2.25 - 3.50
Dimethylacetate, cns.....lb. 14.50 - 15.00
Phenylethylphenyl acetate, bots., lb. 15.50 - 16.00
Phenylhydrazine base, CP, bots. lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works....lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phloroglucinol, CP, tins, works. lb. 20.00 - 22.00
tech., tins, works.....lb. 15.00 - 16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines... long ton. 2.35 - —
72% min., bulk, mines.... long ton. 2.85 - —
75% basis, 74% min., bulk mines..long ton. 3.85 - —
Tenn., 72% bulk, mines.... long ton. 4.50 - —
75%, bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
Yellow, cs.....lb. .24 - .30
Oxychloride, cyls.....lb. .15 - .18
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .18
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .08 - .10
Pilocarpine hydrochloride, bots., vis..oz. 2.40 - 2.50
Nitrate, bots., vis .....oz. 2.90 - 3.00
Pimento, bgs.....lb. .14¾- .15
Pinkroot, bls.....lb. .45 - .48
Pitch, Burgundy (see B)
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l. .....ton. 22.00 - —
Pitch, hardwood, 1-time, dm., c.l., dlvd. Akron..ton. 23.75-24.00
Linseed, dms.....lb. .04¾- .05¾
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 5.75 - 6.00
Plaster of paris (see Gypsum).
Pleurisy root, bls.....lb. 12 - 15
Podophyllin, dms.....lb. 4.50 - 4.60
Poke root, bls.....lb. .07½- .08
Pomegranate bark, bgs.....lb. .18 - .19
Root bark, bgs.....lb. .40 - .41
Poppy flowers, red, bls.....lb. .70 - .75
Seed, Dutch, bgs.....lb. .09¼- .09¾
Polish, bgs.....lb. .09 - .09¼
Potash acetate, USP, bbls., 250 lbs..lb. .28 - —
kgs., 100 lbs.....lb. .30 - —
cns., 25 lbs.....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs.....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs..lb. .18 - —
kgs., 100 lbs.....lb. .20 - —
gran., bbls., 250 lbs.....lb. .18 - —
kgs., 100 lbs.....lb. .20 - —
Bichromate spot, c.l., works, lb. .05⅝- —
6 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09¼- —
Binoxalate, dms.....lb. .23 - —
Bisulphate, kgs.....lb. .15½- .16
Bromide, USP., gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., dlvd....lb. .03 - —
l.c.l., dms.....lb. .03½- —
tanks, dlvd.....lb. .02871½- —
USP, gran., bbls., 325 lbs..lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07¾
import, dms.....lb. .07 - .07¼
liquid, 45% basis, dms....lb. .03½- .03¾
tanks .....lb. .02½- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
import, csks.....lb. .06½- .06¾
Chlorate, cryst., kgs.....lb. .09¼- .09½
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .08½- .09¼
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 - .06
Chromate, kgs.... .....lb. .19 - .22
Citrate, USP, gran., bbls., 250 lbs..lb. .84 - —
kgs, 100 lbs.....lb. .35 - —
cns., 50 lbs.....lb. .36 - —
cns., 25 lbs.....lb. .38 - .39
Cyanide, cns., dms.....lb. .55 - .60
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots..lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.40 - —
Guaiacolsulphonate, fib., dms., 100 lbs..lb. 1.65 - —
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns., 110 lbs..lb. .30 - —
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bbls., bots., 5 lbs....lb. 3.17 - —
cns., 25 lbs.....lb. 3.06 - —
Iodide, bbls., 250 lbs.....lb. .93 - —
bots., or cns.....lb. 1.02 - 1.28
dms. .....lb. .95 - .96
Kainit, 20% K_2O, bulk, c.i.f., ports..ton. 12.75 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.i.f. ports, unit-ton. .58½- —
import., 30%, K_2O, bulk, shipt, unit-ton. .58½- —
Metabisulphite, kgs.....lb. .13 - .15
Muriate, dom., all strengths, min. 50% K_2O, bulk... unit-ton. .53½- —
import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports..unit-ton. .53½- —
Potash muriate prices in bags are $2 ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls.....lb. .25 - .26
Perchlorate, kgs., works....lb. .09 - .11
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls.....lb. .35 - .37
Yellow, bbls.....lb. .15 - .16
Ricinoleate, tech., bbls.....lb. .13 - —

Low Evaporation Losses

One of Skellysolve's 5 Advantages

As A Lacquer Diluent

by **A. ERNEST MACGEE**

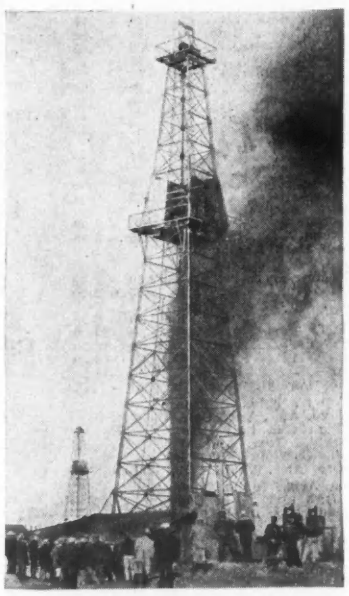
Manager Skellysolve Division, Skelly Oil Company

In developing Skellysolve to fit the exact requirements of our friends in the paint, varnish and lacquer industries, we've given particular attention to your five major solvent problems. One was the problem of evaporation loss, important to you because it wasted your money, created a fire hazard and produced a tendency to blush. And we found that through close cutting of fractions we reduced evaporation losses to a minimum, gave Skellysolve a big advantage as a lacquer diluent.

Through that same close cutting we've been able to solve two other problems, to give Skellysolve other advantages I know you'll find equally valuable. *Freedom from greasy residues,* for instance. Drying is complete and rapid, with minimum gum formation. And *close boiling ranges*—some as low as 15° F. from initial to dry flask end point—that are constant in storage or formulas, with minimum tendency to fractionate.

Besides these three advantages resulting from close cutting, Skellysolve offers *constant uniformity* shipment after shipment, saves you the expense and trouble of changing formulas. And *uninterrupted supply,* that assures you of prompt deliveries, protects you against costly delays or actual shutdowns.

As you know, Skelly pioneered in the development of dependable, uniform, special naphthas. So you'll probably find the exact solvent you need in the wide Skellysolve line. Whatever your requirements, in type and price, I'm sure it will pay you to give us a call.



Skelly pioneered in the development of special petroleum solvents. Today Skelly still pioneers in close cuts, uniformity, rigid quality-control.

SKELLY

SKELLYSOLVE

SOLVENTS DIVISION, Skelly Oil Co., 121 W. Wacker Drive, Chicago

Wire or write for information or prices without delay.

Potash, silicate alkaline, lump, bgs..lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 550 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton.38.00 - —
Xanthate, dms., c.i.....lb. .13 - —
l.c.l. .....lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton.25.75 - —
Potash-titanium oxalate, kgs..lb. .33 - .35
Prickly ash bark, bls.....lb. .12 - .13
Berries, bls.....lb. .15 - .16
Prince's pine herb, bls.....lb. .22 - .23
Propane, tanks, G.3.....gal. .03 - .04¾
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .18 - .19
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03½- —
less than 3, works..lb. .04 - —
0, 0-½, 0-¾, and ½, bbls., 3 or over, works..lb. .04 - —
less than 3, works..lb. .04½- —
Ital.-grd., bgs., c.l., shipt. ex-dock, N.Y..ton.32.85 Nom.
l.c.l., 5-29 tons, ex whse. ton.37.70 - —
1,600-10,000 lbs., ex whse..ton.38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton.40.70 - —
single bgs., ex whse.ton.45.70 - —
Pumpkin seed, bgs.....lb. .11 - .14
Purple lake (see Red).
Putty, com'l., dms., 1,000 lbs. 100 lbs. 2.90 - —
500-999 lbs.....100 lbs. 3.10 - —
100-499 lbs.....100 lbs. 3.25 - —
linseed oil, raw, dms., 1,000 lbs..100 lbs.4.65 - —
500-999 lbs.....100 lbs. 4.85 - —
100-499 lbs.....100 lbs. 5.00 - —
refined dms., 1,000 lbs..100 lbs. 5.15 - —
500-999 lbs.....100 lbs. 5.35 - —
100-499 lbs.....100 lbs. 5.50 - —
standard, dms., 1,000 lbs., 100 lbs. 3.65 - —
500-999 lbs.....100 lbs. 3.85 - —
100-499 lbs.....100 lbs. 4.00 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55 gal. dms. (incl.), frt. alld. E. of Rockies, standard brand..gal. 5.00 - 5.25
basis (30 to 1) 3.6% pyrethrins, 55 gal. dms. (incl.) frt. alld. E. of Rockies, standard brand. gal. 7.75 - 7.85
Pyrethrum, flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. alld., 15 tons or over..lb. .18 - —
fine powd. Japan, bbls., ton lots, frt. alld..lb. .19 - —
Pyridin, denaturing, dms....gal. 1.55 - —
refd., 2° dms.....lb. .45 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12-.13 Nom.
Pyrocatechin, CP, cryst., works, fib, dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyroxylin scrap, amber, cs., works..lb. .15 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works..lb. .16 - —
dense white, cs., works...lb. .12 - —
gray, cs., works.....lb. .10 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-demi, cs., works....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia, chips, bls.....lb. .06 - .07
Quebracho extract, liquid, 55% tan., bbls., works..lb. .03½- —
tanks, works.....lb. .03 - —
Quebracho, solid, 63%, bgs., c.l., ex dock, plus duty..lb. .04 - —
clarified, 64%, bgs., c.l., same basis..lb. .04½- —
Queen of the meadow herb, bgs..lb. .10 - .12
Root, bgs.....lb. .09 - .10
Quercitron, extract, liquid, 51°, bbls..lb. .06 - .08
solid, dms. .....lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N.Y...flasks.83.00 -84.00
Quince seed, bgs.....lb. .85 - 1.50
Quinidine, cryst., small cns...oz. .96 - —
large, cns.....oz. .98 - —
powd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .74 - —
Acetate, cns.....oz. .98 - —
Arsenate, cns.....oz. .98 - —
Arsenite, cns.....oz. 1.00 - —
Bisulphate, cns.....oz. .53 - —
Citrate, cns.....oz. .71 - —
Dihydrobromide, bots.....oz. .74 - —
Dihydrochloride, bots.....oz. .74 - —
Ethylcarbonate, cns.....oz. .74 - —
Ferrocyanide, cns.....oz. 1.00 - —
Formate, cns.....oz. .93 - —
Glycerophosphate, cns.....oz. 1.13 - —
Hydrochloride, cns.....oz. .66½- —
Hydrochlorosulphate, cns....oz. .74 - —
Hydriodide, cns.....oz. .98 - —
Hypophosphite, cns.....oz. .98 - —
Phosphate, cns.....oz. .81 - —
Salicylate, cns.....oz. .72 - —
Sulphate, U.S.P. X, cns.....oz. .53 - —
U.S.P. XI, cns.....oz. .59½- —
Sulphocarbolate, cns.....oz. .96 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .96 - —
Valerate, cns.....oz. .92 - —
Quinine-urea hydrochloride cns.oz. .74 - —

R

R salt, bbls.....lb. .52 - .55
Rapeseed, Belgian, bgs.....lb. .06 - .06½
Dutch, bgs.....lb. .06¾- .06½
Japanese, bgs.....lb. .06¼- .06½
Raspberries, dried, bbls.....lb. .70 - .75
Red, alizarin blue bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - —
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c., El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago
Red, amaranth (see Red, maroon, lake)
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .91 - —
smaller lots, same basis, lb. .96 - —
kgs., ton lots, same basis, lb. .96 - —
smaller lots, same basis, lb. 1.01 - —
light shade, bbls., ton lots, same basis..lb. .76 - —
smaller lots, same basis, lb. .81 - —
kgs., ton lots, same basis, lb. .81 - —
smaller lots, same basis, lb. .86 - —
light-medium shade, bbls., ton-lots, same basis..lb. .81 - —
smaller lots, same basis, lb. .86 - —
kgs., ton lots, same basis, lb. .86 - —
smaller lots, same basis, lb. .91 - —
maroon shade, bbls., ton lots, same basis..lb. 1.01 - —
smaller lots, same basis, lb. 1.06 - —
kgs., ton lots, same basis, lb. 1.06 - —
smaller lots, same basis, lb. 1.11 - —
medium shade, bbls., ton lots, same basis..lb. .86 - —
smaller lots, same basis, lb. .91 - —
kgs., ton lots, same basis..lb. .85 - —
smaller lots, same basis, lb. .96 - —
Selenide, bbls., dark works..lb. 2.75 - —
light works.....lb. 2.25 - —
Orange, bbls., 100-lb. lots, works..lb. 1.60 - —
Carmine, 40, cns., 500 lbs....lb. 4.00 - —
100 lbs. .....lb. 4.15 - —
11 lbs. .....lb. 4.40 - 4.50
Crocus martis (see Red, purple oxide).
Eosin toner, blue shade, bbls. lb. 1.55 - —
yellow shade, bbls.....lb. 1.40 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .08¾- —
80%-85%, bbls., same basis.lb. .07¼- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contrs..lb. .75 - —
open order.....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake.....lb. 1.50 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom.... bbls. 1.49 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08½- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
.80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04½- —
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phosphotungstic rhodamine Y, kgs..lb. 4.15 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .06 - —
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .18 - .20
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide, bbls., dlvd...lb. .03¾ Nom.
Toluidin toner, kgs., same basis alizarin lakes..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N.Y., E. St. Louis..lb. .25½- —
2, bbls., same basis.....lb. .30½- —
3, bbls., same basis.....lb. .28½- —
4, bbls., same basis.....lb. .33½- —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .24 - —
7, bbls., same basis.....lb. .24 - —
8, bbls., same basis.....lb. .23 - —
9, bbls., same basis.....lb. .31½- —
10, bbls., same basis.....lb. .18¾- —
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500 lb. 1.60 - —
smaller lots .....lb. 1.61 - 1.60
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 1.75 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works..lb. .75 - .80
USP, cryst., bbls., works....lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots.....lb. 5.75 -15.00
Rhubarb root, cs.....lb. .80 - .85
powd., bbls., kgs.....lb. .85 - .90
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .16 - —
smaller lots .....lb. .16½- —
powd., bbls., 5,000 lbs., 1 shipm't..lb. .15 - —
smaller lots.....lb. .15½- —
Rose flowers, pale, bls.....lb. .34 - .35
Red, bls.....lb. 2.25 - 2.30
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05½- .06
Rosin, gum, B, bbls., ex dock.. 280 lbs. 6.10 - —
D, bbls.....280 lbs. 6.10 - —
E, bbls.....280 lbs. 6.10 - —
F, bbls.....280 lbs. 6.60 - —
G, bbls.....280 lbs. 6.65 - —
H, bbls.....280 lbs. 6.70 - —
I, bbls.....280 lbs. 6.75 - —
K, bbls.....280 lbs. 6.80 - —
M, bbls.....280 lbs. 7.10 - —
N, bbls.....280 lbs. 7.25 - —
W. G., bbls.....280 lbs. 7.80 - —
W. W., bbls.....280 lbs. 8.15 - —
X, bbls.....280 lbs. 8.15 - —
Rosin, wood, New York, F. F., bbls..280 lbs. 6.70 - 7.65
K, bbls.....280 lbs. 6.80 - 7.75
M, bbls.....280 lbs. 7.50 - 8.45
N, bbls.....280 lbs. 7.80 - 8.75
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
Rouge, lump, bbls.....lb. .12 - —
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .21 - .23

S

Sabadilla seed, powd., bbls....lb. .20 - .21
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs. .....lb. 1.73 - 2.05
Safflower, bls. .....lb. .25 - .26
Saffron, Mexican, bls.....lb. .35 - .40
Spanish, tins.....lb.22.00 -23.00
Safrol, cns.....lb. .50 - .55
dms. .....lb. .47 - .55
Sage, Dalmatian, stemless....lb. .06½- .07
garden, bls. .....lb. .06½- .07
Sago flour, bgs.....lb. .03¼- .04¼
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs. .....lb. 4.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.11.80 -12.80
l.c.l., bgs., dlvd., N. Y.ton.14.00 -14.50
vacuum, common, fine, bgs., c.l., dlvd., N. Y..ton.14.80 - —
l.c.l., dlvd. N. Y.....ton.15.50 - —
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works.....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 -16.00
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.00 - 7.75
1-9 tons.....100 lbs. 7.40 - 7.90
less than ton lots..100 lbs. 7.90 - 8.15
gran., bbls., 10-20 tons.100 lbs. 6.00 - —
1-9 tons.....100 lbs. 6.15 - —
less than ton lots..100 lbs. 6.40 - —
powd., bbls., 10-20 tons.100 lbs. 7.00 - —
1-9 tons.....100 lbs. 7.15 - —
less than ton lots..100 lbs. 7.40 - —
Santonin, cryst., cns.....lb.25.00 -26.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots., 5 lbs.....lb. 1.65 - —
cns. 25 lbs .....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .42 - .43
Mexican, bls. .....lb. .19 - .20
Sassafras bark, ord., bls.....lb. .13 - .15
select, bls.....lb. .23 - .25
Savory, bbls.....lb. .07½- .08
Saw palmetto berries, bgs.....lb. .15 - .16
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .48 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .12¾- —
smaller lots .....lb. .13¼- —
kegs, 5,000 lbs., 1 shipm't.lb. .13½- —
smaller lots .....lb. .13¾- —
Senega root, bls.....lb. .57 - .58
Senna leaves, Alexandria, bls.lb. .10 - .11
Tinnevelly, No. 1, bls.....lb. .10 - .11
2, bls.....lb. .07 - .08
3, bls.....lb. .05 - .06
powd. bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .10 - .11
Pods, bls. .....lb. .06 - .07
Serpentaria root, bls.....lb. 1.05 - 1.10
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .17 - .17½
dlvd. Boston.....lb. .17½- .18
Chicago .....lb. .18 - .18½
Pacific Coast.....lb. .19 - .19½
refd., bbls., f.o.b. N. Y....lb. .23 - .24
dlvd. Boston.....lb. .23½- .24½
Chicago .....lb. .24 - .25
Pacific Coast.....lb. .26 - .27
Garnet, bgs.....lb. .14 - .15
Orange, D.C., VSO., Diamond, cases..lb. .21 - .22
superfine, bgs., f.o.b. Bost., N. Y..lb. .13 - .13½
dlvd. Chicago.....lb. .13½- .14
Pacific Coast.....lb. .16 - .16½
T. N., bgs., f.o.b. Bost., N.Y., lb. .12 - .12½
dlvd. Chicago.....lb. .12½- .13
Pacific Coast.....lb. .15 - .15½
Shellac varnish, orange, 5-lb. cut, bbls..lb. .85 - .95
4½-lb. cut, bbls.....gal. .80 - .90
4-lb. cut, bbls.....gal. .75 - .85
white, 5-lb. cut, bbls....gal. 1.00 - 1.10
4½-lb. cut, bbls.....gal. .95 - 1.05
4-lb. cut, bbls.....gal. .90 - 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.17.00 - —
l.c.l., 2½ tons, works..ton.19.00 - —
smaller lots, works..ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons, works..ton.19.50 - —
smaller lots, works..ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works..ton.36.50 - —
smaller lots, works..ton.38.00 - —
96-98%, 8.25 mesh., bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works..ton.21.50 - —
smaller lots, works..ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works..ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver, bullion.....oz. .44¾- —
Govt. purchase.....oz. .7757- —
Nitrate, vis.....oz. .32⅝- .34⅜
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simarubra bark, bls.....lb. .28 - .30
Skatol, bots.....lb.75.00 -80.00
Skullcap, Eastern, bls.....lb. .30 - .35
Western, bls. .....lb. .18 - .20
Skunk cabbage root, bgs.....lb. .18 - .20
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .10 - .11
Smalt, black, extra velvet, ctns. lb. .05 - .06
Blue, cts.....lb. .07 - .08½
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .10 - .11
powd., bbls.....lb. .14 - .15
Soda abietate, dms.....lb. .13 - —
Acetate, anhyd., dms.....lb. .06¼- —
flake, gran., powd., 65% dms..lb. .04¼- .05
Alginate, dms.....lb. .69 - —
Antiarsenate, bbls.....lb. .14¾- .15¼
Arsenate, dms., dealers' c.l., works..lb. .03 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .12
l.c.l., dms., works.....lb. .09½- .13½
liquid, dms., works.....gal. .30 - .33

Potash Silicate—Soda Cyanide

Arsenite, powd., bbls.....lb. .13 - .14

Soda arsenite, dry, gray prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.33 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.08 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l.....100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .42 - —
USP, bbls., 4,000 lbs. or more. lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs or less.....lb. .50 - —
dms., 4,000 lbs. or more..lb. .47 - .49
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .53
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works.. 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y....100 lbs. 2.49 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N. Y....100 lbs. 2.74 - —
Bichromate, spot, c.l., works lb. .06¾- —
6 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks. or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .12 - —
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works.100 lbs. 1.55 - —
38 deg., bbls., c.l., works. 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works. 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, U.S.P., gran., bbls., 500 lbs....lb. .31 - —
fiber dms.. 100 lbs.....lb. .32 - —
Cacodylate, bots., 5 lbs.....lb. 5.81 - —
jars, 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda menohydrated soda, sal)
Caustic, flake, 76%, 1, grd., powd., ammon. process, bbls., c.l., works..100 lbs. 2.70 - —
dms., c.l., works....100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, tanks, works..100 lbs. 1.95 - —
seller's tanks, works..... 100 lbs. 1.97½- —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works ... 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l. same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The same zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- .08
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, U.S.P., VIII, gran., bbls..225 lbs. .20 - —
cns., 50 lbs.....lb. .22 - —
25 lbs.....lb. .24 - .25
kgs., 100 lbs.....lb. .21 - —
U.S.P. X, gran., bbls., 250 lbs. lb. .26½- —
cns., 50 lbs.....lb. .28½- —
25 lbs.....lb. .30½- .31½
kgs., 100 lbs.....lb. .27 - —
powd., bbls., 250 lbs.....lb. .27 - —
cns., 50 lbs.....lb. .29 - —
25 lbs.....lb. .31 - .32
kgs., 100 lbs.....lb. .28 - —
Cyanide, 96-98%, dom., dms..lb. .16½- .17¼
import., cs.....lb. .16¾- .17

Soda Fluoride—Whiting

Soda, fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼ - —
l.c.l., 10 or over, same basis..lb. .07½ - —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08½ - —
95%, bbls., c.l., same basis..lb. .07½ - —
l.c.l., 10 or over, same basis..lb. .07¾ - —
5-9 same basis.....lb. .08¼ - —
1-4, same basis.....lb. .08½ - —
Soda fluoride prices at Los Angeles are f.a.s. Phila.

Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots, lb. 1.05 - —
smaller lots .....lb. 1.20 - —
cns., 25 lbs. .....lb. 1.45 - —

Hydrosulphite, bbls..... lb. .16 - .17

Hydroxide, USP, sticks, cns., 160 lbs..lb. .23 - .24

Hypophosphite, N.F., cns... 100 lbs..lb. .67 - —

Hyposulphite, cryst., large, bbls., 100 lbs. 2.40 - 2.65
pea, bbls. .....100 lbs. 2.50 - 3.05
gran., bbls. .....100 lbs. 2.75 - 3.30

Iodate, jars.....lb. 5.02 - 5.07

Iodids, jars .....lb. 1.90 - 1.95

Mandelate, bots., 5 lbs.....lb. 3.50 - —
jars, 25 lbs. .....lb. 3.20 - —

Metanilate, kgs.....lb. .41 Nom.

Metasilicate, cryst., bbls., c.l., gran., bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., dlvd.....100 lbs. 2.60 - 2.80

Molybdate, tech., anhyd., kgs., lb. No prices.
cryst., kgs.....lb. No prices.

Monohydrated, bbls.....100 lbs. 2.00 - —
works .....100 lbs. 2.30 - —

Naphthenate, bbls.....lb. .19 - —

Naphthionate, bbls.....lb. .52 - .54

Nitrate, crude, c.l., 100-lb. bgs., Dec.-June dlvy., f.o.b. cars producing point or ports, rail or boat shipment..ton.29.00 - —
200-lb. bgs., same basis, ton.28.30 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 25..100 lbs. 2.25 - —
6-24 .....100 lbs. 2.40 - —
1-4 .....100 lbs. 2.55 - —
powd., bbls., c.l.....100 lbs. 2.65 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4, ...100 lbs. 6.00 - —

Sulphocarbolate, cs.....lb. .27 - .30
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite)
Tungstate, CP., kgs.....lb. No prices
tech., kgs.....lb. No prices

Solvent naphtha, high-flash, dms., works, frt. equald. gal. .30 - —
tanks, same basis.....gal. .31 - —
water-white, dms., works.gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works.gal. .30 - —

Sorbitol, com'l, syrup, dms., basis sorbitol cont., works, lb. .35 - —

Sparteine sulphate, cns.....oz. 1.00 - 1.05

Spearmint leaves, bls.....lb. .20 - .22

Spikenard root, bls.....lb. .14 - .15

Spruce extract, bbls., works...lb. .01½ - —
tanks, works.....lb. .01 - —
powd., bgs.....lb. .04¼ - —
super, bbls., works.....lb. .01¾ - —
tanks, works.....lb. .01⅝ - —

Squawvine leaves, bls.....lb. .17 - .19

Squill, red, bls.....lb. .14 - .15
White, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .12 - .13

St. Ignatius beans, bgs.....lb. .45 - .50

St. John's bread, bls.....lb. .08½ - .09

Starch, corn, pearl, bgs..100 lbs. 2.93 - 3.13
powd., bgs.....100 lbs. 3.03 - 3.23

Iodide, bots.....lb. 1.87 - —

Potato, dom., bgs.....lb. .05½ Nom.
import, bgs.....lb. .05½ Nom.

Rice, bbls.....lb. .07¾ Nom.

Wheat, thick boil, bbls.....lb. .07 Nom.

Staveacre seed, bgs.....lb. .17 - .18

Stearin, oleo, bbls.....lb. .08½ - .08¾

Stillingia root, bls.....lb. .09¾ - .10

Stoneroot, bls.....lb. .09 - .09½

Storax, cs.....lb. .48 - .49

Stramonium leaves, bls.....lb. .11 - .12

Seed, bgs.....lb. .09 - .10

Strontium bromide, fib, dms..lb. .57 - .59
kgs., 150 lbs.....lb. .55 - —

Carbonate, pure, bbls.....lb. .30 - .31

Strontium, iodide, jars, 25 lbs..lb. 2.70 - —
bots., 5 lbs.....lb. 2.76 - —

Nitrate, dom., bbls., c.l., works..lb. .07¾ - —
25 bbls. and over.....lb. .08¼ - —
1-4 bbls. and over.....lb. .08¾ - —
import, bbls.....lb. .08¾ - .09

Strophanthus seed, Kombe, bgs.lb. 1.30 - 1.35

Strychnine, cryst., cns.....oz. .48 - .51
powd., cns.....oz. .39 - .47

Acetate, cns.....oz. .64 - —

Arsenate, cns.....oz. .66 - —

Arsenite, cns.....oz. .64 - —

Glycerophosphate, cns.....oz. .65 - —

Hydrochloride, cns.....oz. .64 - —

Hydrophosphite, cns.....oz. .75 - —

Nitrate, cns.....oz. .58 - —

Phosphate, cryst., cns.....oz. .65 - —

Sulphate, cryst., cns.....oz. .42 - .45
powd., cns.....oz. .52 - .55

Styralyl acetate, bots.....lb. 6.75 - 7.00

Sucrose octa - acetate, denat. grade, bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —

Sugar coloring, bbls.....gal. .70 - 1.10

Milk, bbls, c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —

Sulfanilamide, 5 lb. bots.....lb. 2.29 - —
fib., dms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs.....lb. 1.80 - —

Sulphonethylmethane, kgs.....lb. 6.75 - 6.80

Sulphonmethane, kgs.....lb. 5.25 - 5.30

Sulphur, crude, bulk, 1,000 tons, mines, contracts, long ton.18.00 - —
c.l., spot, nearby, long ton.21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long ton.22.00 -25.00
Bost., Portland..long ton.22.50 -25.50
flowers, bgs., c.l., works.100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls, wks.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works..100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.00
flour, com'l., bgs., c.l., works, 100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bags., c.l., works, 100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works..... 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works..100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
roll, bgs, c.l., works..100 lbs. 2.35 - —
bbls., works.....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 2.10
bbls., works.....100 lbs. 2.85 - 3.25

Chloride, 55-gal. dms., c.l....lb. .03 - —
l.c.l., dms., works.....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —

Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½ - .07
tanks, works .....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½ - 10

Iodide bots., jars.....lb. 2.80 - 3.85

Sumac, grd., Silician, bls....ton.61.00 - —
leaf, bales.....ton.66.00 - —

Extract, 42°, bbls.....lb. .05¼ - .06½
51°, bbls.....lb. .06½ - .08½
stainless, bbls.....lb. .08½ - .09¼

Sunflower seed, Calif., large, bgs., lb. .05¼ - .05½
medium, bgs.....lb. .05¼ - .05¾
poultry, bgs.....lb. .05 - .05½

Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 9.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 8.50 - —
triple, 44-45%, a.p.a., bulk, f.o.b. Balto..unit-ton. .85 Nom.

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 98-94%, 325 mesh, bgs., c.l., mills. ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
98.98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99¼%, 325 mesh, bgs., c.l., mills..ton.15.25 - —
l.c.l., mills.....ton.17.25 - —
99.95-99.95% 325 mesh, bgs., c.l., mills..ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, alum-magn. type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.00 - —
Vermont, bgs., c.l., mills.ton.14.00 - —
l.c.l., ex whse.....ton.26.00 - —
import, Canad., bgs., c.l., dlvd..ton.28.00 - —
l.c.l., dlvd.....ton.28.50 - —
French, high-grade, bgs, l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l. ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00

Tallow, animal, edible, bbls...lb. .07 Nom.
extra, loose, works.....lb. .06½ - —
special, loose, works.....lb. .05⅝ - .05⅞
sulphonated 35% (24% fat), dms., c.l..lb. .07 - —
l.c.l. .....lb. .07½ - —
50% (43% fat), dms., c.l..lb. .07½ - —
l.c.l .....lb. .08 - —
50% (49% fat), dms., c.l..lb. .08 - —
l.c.l .....lb. .08½ - —

Tamarinds, W. I., bbls.....lb. .06 - .06½
kegs .....keg. 5.00 - 5.25

Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk.....unit-ton. 2.90 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk..... unit-ton. 2.70 & .10
fertilizer grade, 10-11% ammon., 15-20% b.p.l., bulk Chicago .....unit-ton. 2.75 & .10
high-grade feeding, bulk, Chicago..unit-ton. 2.75 & .10
import., s. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports, shipt. unit-ton. 3.35 & .10

Tansy leaves, bls.....lb. .18 - .20

Tapioca flour, bgs.....lb. .03¼ - .05¼

Tar acid oil, 15%, dms., c.l., works..gal. .22½ - —
l.c.l., same basis.....gal. .25½ - —
25%, dms., c.l., works....gal. .26½ - —
l.c.l., same basis.....gal. .29½ - —

Pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd. ports.....gal. .25 - —
l.c.l .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —

Tartar emetic tech., fine gran., bbls., 5 or more..lb. .26¾ - —
less than 5.....lb. .27 - —
powd., bbls., 5 or more..lb. .26¾ - —
less than 5.....lb. .27 - —
USP, powd., bbls.....lb. .32 - .33½

Terebene, cns.....lb. .70 - .75

Terpinyl acetate, cns.....lb. .80 - 1.00

Terpin hydrate, kgs.....lb. .45 - .46

Terpineol, CP, cns.....lb. .26 - —
dms. .....lb. .23 - —

Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —

Terra alba (see Gypsum).

Tetrachloroethane, dms.,works.lb. .08 - .08½

Tetrachloroethylene, CP, dms..lb. .21½ - —
tech., dms.....lb. .10½ - —

Tetralin, dms.....lb. .12 - —

Thallium sulphate, 99% pure, dms. works..lb. 7.25 - 7.50

Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —

Thorium nitrate, cs., works...lb. 2.00 - —

Thyme, French, bls.....lb. .20 - .22

Thymol, bots., 100 lbs.....lb. 1.65 - —
smaller lots.....lb. 1.70 - 1.95

Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30

Timbo root, powd., imp't., 5% rotenone, bbls., ex-dock, approved assay, 15 tons, lb. .26 - —
5 tons, same bases....lb. .27 - —
4% rotenone prices 5c. per lb., less.

Tin crystals, bbls., kgs.....lb. .35 - .35½
Metal, Straits.....lb. .44 - .44⅛
Oxide, bbls.....lb. .50 - .52
Tetrachloride, anhyd., bbls...lb. .22¼ - —

Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld..lb. .16 - —
Pac. cst., f.o.b. terminals, lb. .16 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16½ - —
Pac. cst., ex whse...lb. .16½ - —
50-999 lbs., E. dlvd.....lb. .16¾ - —
Pac. cst., ex whse....lb. .16¾ - —
under 50 lbs., E. dlvd..lb. .19 - —
Pac. cst., ex whse....lb. .19 - —
bbls., c.l., (20 tons) E., frt. alld..lb. .16¼ - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¾ - —
50-999 lbs., E. dlvd.....lb. .17 - —
phthalate-treated, bgs., c.l., (20 tons) E. frt. alld..lb. .24 - —
Pac. cst., f.o.b. terminal..lb. .24 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .24½ - —
Pac. cst., ex whse..lb. .24½ - —
50-999 lbs., E. dlvd..lb. .24¾ - —
Pac. cst., ex whse...lb. .24¾ - —
under 50 lbs.....lb. .27 - —
bbls., c.l. (20 tons) E. frt. alld..lb. .24½ - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .24¾ - —
50-999 lbs., E. dlvd...lb. .25 - —
pigment, barium, calcium, or magnesium base, bgs., c.l., E. frt. alld.....lb. .05⅝ - —
Pac. cst., f.o.b. terminal, lb. .05⅞ - —
l.c.l., E. dlvd.....lb. .06⅛ - —
Pac. cst., ex whse..lb. .06⅛ - —
under 50 lbs., E. dlvd.lb. .06⅜ - —
bbls., c.l., E., frt. alld...lb. .06¼ - —
l.c.l., E. dlvd.....lb. .06⅜ - —

Tolidin base, kgs.....lb. .88 - .90
distilled, kgs.....lb. .95 - 1.00

Tolu, balsam, cns.....lb. .48 - .50

Toluidin, mixed, dms.....lb. .26 - —

Toluol (toluene), pure, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —

Tonga vine, NF, bls.....lb. .28 - .30

Tonka beans, Angostura, cks..lb. 2.50 - 2.60

Triacetin, dms.....lb. .36 - —

Triamyl borate, dms., l.c.l., works..lb. .27 - —

Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l. works.....lb. .80 - —

Tributylamines, dms., l.c.l., works lb. .70 - —

Trichlorocthylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .069 - —
W. of Rockies.....lb. .069 - —
l.c.l., works, frt. alld., E. of Rockies..lb. .094 - —
W. of Rockies.....lb. .104 - —

Tricresyl phosphate, CP, cns., dlvd..lb. .42 - .53
dms., c.l., dlvd.....lb. .36 - —
500 lbs., dlvd.....lb. .39 - —
tech., 1, cn., dlvd.....lb. .30 - .43
dms., c.l., dlvd.....lb. .26½ - —
500 lbs., dlvd.....lb. .27 - —
2, cns., dlvd.....lb. .26 - .33
dms., c.l., dlvd.....lb. .24½ - —
500 lbs., dlvd.....lb. .25 - —

Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .20 - —

Triethylenegiycol, dms., l.c.l., works..lb. .26 - —

Triphenyl phosphate, dms....lb. .34 - .38

Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double-grd., bgs., c.l., works. ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —

Trisodium phosphate (see Soda phosphate, tri-basic).

Tungsten metal, powd., 98%, dms., lb. No prices
99%, dms.....lb. No prices
Oxide, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices

Turmeric root, Alleppey, bgs..lb. .05½ - .06
Madras, bgs.....lb. .06½ - .07

Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .32 - —
l.c.l., 10, ex dock.....gal. .34 - —
5, ex dock.....gal. .36 - —
wood, dest.-dist., dms., c.l., dlvd. E. cities, ports...gal. .36 - —
l.c.l., same basis....gal. .38 - —
tanks, dlvd. E. cities..gal. .33 - —
steam-dist., dms., c.l., dlvd.gal. .30 - —
l.c.l., dlvd.....gal. .33 - —
tanks, dlvd.....gal. .25 - —

U

Unicorn root, false (see Helonias root). True (see Aletris root).

Uranium oxide, kgs.....lb. 1.50 - —

Urea, dom., 46 + % N, bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —

pure, cs. .....lb. .14½ - .15½

Urea-ammonia liquor 35% ammon., tanks, f.o.b. Belle, W. Va., or Atl. Gulf ports. NH_3 unit. 1.04 - —

Uva ursi leaves, bls.....lb. .12 - .13

V

Valerian root, bls.....lb. .12 - .13

Valonia, beards, bgs., shipt..ton.52.00 - —
Cups, bgs., shipt.....ton.35.00 - —

Vanilla beans, Bourbon, tins...lb. 3.35 - 3.75
Mexican, tins.....lb. 4.25 - 4.50
cut, tins.....lb. 4.00 - 4.25
South American, tins.....lb. 4.00 - 4.25

Vanillin, ex eugenol, 25-lb. tins, lb. 3.10 - —
5-lb. tins.....lb. 3.20 - —
Vanillin, ex guaiacol, 10c. per lb. less.

Venice turpentine, true, cs....lb. .42 - .44

Verdigris, bbls., kgs.....lb. .24 - .30

Violet, methyl, toner (see M).

V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .55 - .57
Tree bark, bls.....lb. .25 - .26

Wattle bark, bgs., shipt.....ton.41.75 -43.75
Extract, bbls.....lb. .04¾ - —

Wax, bayberry, import, bgs...lb. .16¾ - .17
Bees, white, bleach, slabs, cs., 600 lbs. .39 - .45
yellow, crude, Africa, bgs., lots of 10..lb. .25½ - .26
1 bg.....lb. .26 - .26½
Brazil, Chile, bgs., 5-10 tons..lb. .29½ - .30
1 ton.....lb. .30 - .30¼
500 lbs.....lb. .30½ - .31
100 lbs.....lb. .31 - .31⅛
refd., slabs, cs., lbs...lb. .35 - .39

Candelilla, bgs., 1 ton.....lb. .13½ - .14
jobbing lots.....lb. .14 - .14½

Carnauba, No. 3, bgs., chalky, 1 ton..lb. .34 - .34½
5 bgs.....lb. .34½ - .35
1 bg.....lb. .35 - .35½
N. C. 2, bgs.....lb. .39 - .40
N. C. 3, bgs., 1 ton.....lb. .35 - .35½
5 bgs.....lb. .35½ - .36
1 bg.....lb. .36 - .36½
refined, bgs.....lb. .38 - .39
yellow, No. 1, bgs., 1 ton..lb. .43 - .43½
5 bgs.....lb. .43½ - .44
1 bg.....lb. .44 - .44½
No. 2, bgs.....lb. .42 - .42½
Japan, cs.....lb. .10¼ - .10½

Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½ - —
jobbing lots.....lb. .09½ - —
150°160° m.p., bgs., 1 ton.lb. .09½ - —
jobbing lots.....lb. .10½ - —
160° m.p., bgs., 1 ton.....lb. .10½ - —
jobbing lots.....lb. .11½ - —

Japan, cs.....lb. .10¾ - .11

Montan, bgs., c.l. .....lb. .13 - —
5 tons.....lb. .11¼ - .11¾
less than 1 ton.....lb. .11½ - .12

Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
Ozokerite, snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36

Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes cs.....lb. .24 - .25

White lead (see Lead, white).

White pine bark, rossed, bls...lb. .06 - .06¼

White precipitate, powd., bots. 5 lbs..lb. 1.89 - —
dms., 50 lbs., or more..lb. 1.76 - —

Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works.ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., blp., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works.ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp., bgs., c.l., workston.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works.ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50

Paris white, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50

English cliffstone (see Whiting, chalk, Paris white).

Whiting, limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., works..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis..ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works. ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs, (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works. ..ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .06½- .07
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .40 - .45
Leaves, bls.....lb. .08 - .08¼
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 40-60 mesh, bgs., ex dock..ton.20.00 - —
70-80 mesh, bgs., ex dock.ton.22.00 - —
100 mesh, bgs., ex dock...ton.27.00 - —
120 mesh, bgs., ex dock...ton.33.00 - —
Wormseed, American, bgs....lb. .10 - .11
Levant, bgs... .....lb. 3.90 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), comL, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld., gal. .30 - —
W. of Omaha, works...gal. .30 - —
nitration tanks, E. of Omaha, frt. alld...gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld., gal. .36 - —
W of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .38 -
tanks, E. of Omaha, frt. alld., gal. .33 - -
W. of Omaha, works....gal. .33 -
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 1.80 - 2.00
lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .51 - —
smaller lots, same basis, lb. .56 - —
kgs., ton lots, same basis.lb. .56 - —
smaller lots, same basis, lb. .61 - —
sulphide, orange, bbls., works, lb. 1.50 - 1.60
Chrome, CP, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .14½- —
open order.....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
[illegible] lb. —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01¼- —
G, bbls., works.....lb. .01¼- —
H, bbls., works.....lb. .01¾- —
French, all shades, cks., c.l., ex dock, Balto, Boston, N. Orleans, for import. lb. .02475- —
New York (f.o.b.)..lb. .02¾- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle...lb. .03- —
San Pedro, S. Francisco lb. .0290- —
l.c.l., ex dock, Balto., Boston, N. Orleans. lb. .02575- —
New York.....lb. .02½- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle..lb. .03¼- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans..lb. .02725- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03¾- —
Minneapolis .....lb. .03½- —
New York.....lb. .02¾- —
Pittsburgh .....lb. .03¼- —
Portland, Seattle..lb. .03¾- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y. from dock. .02¾- —
from whse.....lb. .02½- —
Yellow oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N. Y..lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works .....lb. .07 - .07¼
Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .10 - .11
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .10 - .11
Yohimbine hydrochloride, vls..oz. 2.50 - 2.55

Z

Zinc, acetate, USP., bbls., 250 lbs..lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenate, bgs., cs., c.l., dealers, E. of Rockies..lb. .10½- —
l.c.l., bgs., cs.....lb. .11 -
Arsenite, bgs., cs., c.l., dealers, west of Rockies..lb. .13 - —
l.c.l., bgs., cs.....lb. .13½- —
Zinc arsenate and arsenite price are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck, allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .14 - .15
USP, precip., powd., bbls. lb. .31 - —
dms. .....lb. .36 - —
kgs. .....lb. .33 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works... 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
solution, dms., works....lb. .04½- —
tanks, works.....lb. .0225- —
gran., U.S.P., dms., 200 lbs.. lb. .25 - —
jars, 25 lbs.....lb. .31 - —
Cyanide, kgs., works.....lb. .36 - .38
Dust, bbls., c.l., dlvd.....lb. .0740- —
l.c.l., bbls., dlvd.....lb. .08 - —
Fluoride, bbls.....lb. .20 - .25
Iodide, N.F., bots.....lb. 4.15 - —
jars .....lb. 4.00 - —
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, coml., lead - free, bgs., c.l., dlvd..lb. .06¾- .07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst.. lb. .06½- .07¾
bbls., c.l., dlvd.....lb. [illegible]
l.c.l., dlvd., except Pac.cst..lb. .06¾- .08
ex whse., Pac. cst...lb. .06½- .08
leaded, 5%, bgs., c.l., dlvd..lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- -
ex whse., Pac. cs.lb. .06¾- —
bbls., c.l., dlvd....lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse.,Pac.cst.lb. .06¾- -
35%, bgs., c.l., dlvd.lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst.lb. .06¼- —
bbls., c.l., dlvd....lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
ex whse., Pac. cst.lb. .06½- —

Whiting—Zinc Sulphocarbolate

Zinc, oxide, pigment, dom., Amer., process, leaded, 50%, bgs., c.l., dlvd.lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst.lb. .06¼- —
bbls., c.l., dlvd....lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
ex whse., Pac. cst.lb. .06½- —
French process, coml., lead-free, bgs., c.l., dlvd., lb. .06¾- .07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst.lb. .06½- .07¾
bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst.lb. .06¾- .08
green seal, bgs.,c.l.,dlvd. lb. .08 - -
l.c.l., dlvd., except Pac. cst..lb. .08¼- —
ex whse., Pac. cst.lb. .08¼- —
bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., dlvd., except Pac. cst..lb. .08½- —
ex whse., Pac. cst.lb. .08½- —
red seal, bgs., c.l., dlvd. lb. .07½- —
l.c.l., dlvd., except Pac. cst..lb. .07¾- —
ex whse., Pac. cst.lb. .07¾- —
bbls., c.l., dlvd.....lb. .07¾- —
l.c.l., dlvd., except Pac. cst..lb. .08 - —
ex whse., Pac. cst.lb. .08 - —
white seal, bgs., c.l., dlvd. lb. .08¼- —
l.c.l., dlvd., except Pac. cst..lb. .08¾- —
ex whse., Pac. cst.lb. .08¾- —
bbls., c.l., dlvd.....lb. .08¾- —
l.c.l., dlvd., except Pac. cst..lb. .09 - -
ex whse., Pac. cst.lb. .09 - -
import., gold seal, cks, ex whse..lb. .13 - .14
green seal, bbls., ex whse., lb. .10 - —
white seal, cks., ex whse., lb. .11 - .12½
Oxide, USP, bbls., c.l.....lb. .09½- —
Resinate, fused, pale, bbls...lb. .10 - —
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .20 - —
l.c.l., 1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
less than 1,000 lbs..lb. .23 - —
USP, bbls.....lb. .21 - —
Sulphate, cryst., bgs., c.l.100 lbs. 3.15 - —
l.c.l. .....100 lbs. 3.90 - —
bbls., c.l.....100 lbs. 3.30 - —
l.c.l. .....100 lbs. 4.00 - —
flake, bgs., c.l.....100 lbs. 3.90 - —
l.c.l. .....100 lbs. 4.35 - —
bbls., c.l.....100 lbs. 3.75 - —
l.c.l. .....100 lbs. 4.50 - —
powd., bgs., c.l.....100 lbs. 5.00 - —
l.c.l. .....100 lbs. 5.75 - —
bbls., c.l.....100 lbs. 5.15 - —
l.c.l. .....100 lbs. 5.90 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .09 - —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09¼- —
bbls., c.l., (20 tons), dlvd..lb. .09¼- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09½- —
Sulphocarbolate, NF, bbls...lb. .24 - .26

PERHAPS THIS NEW SYNTHETIC WAX WILL LOWER YOUR PRODUCT COST

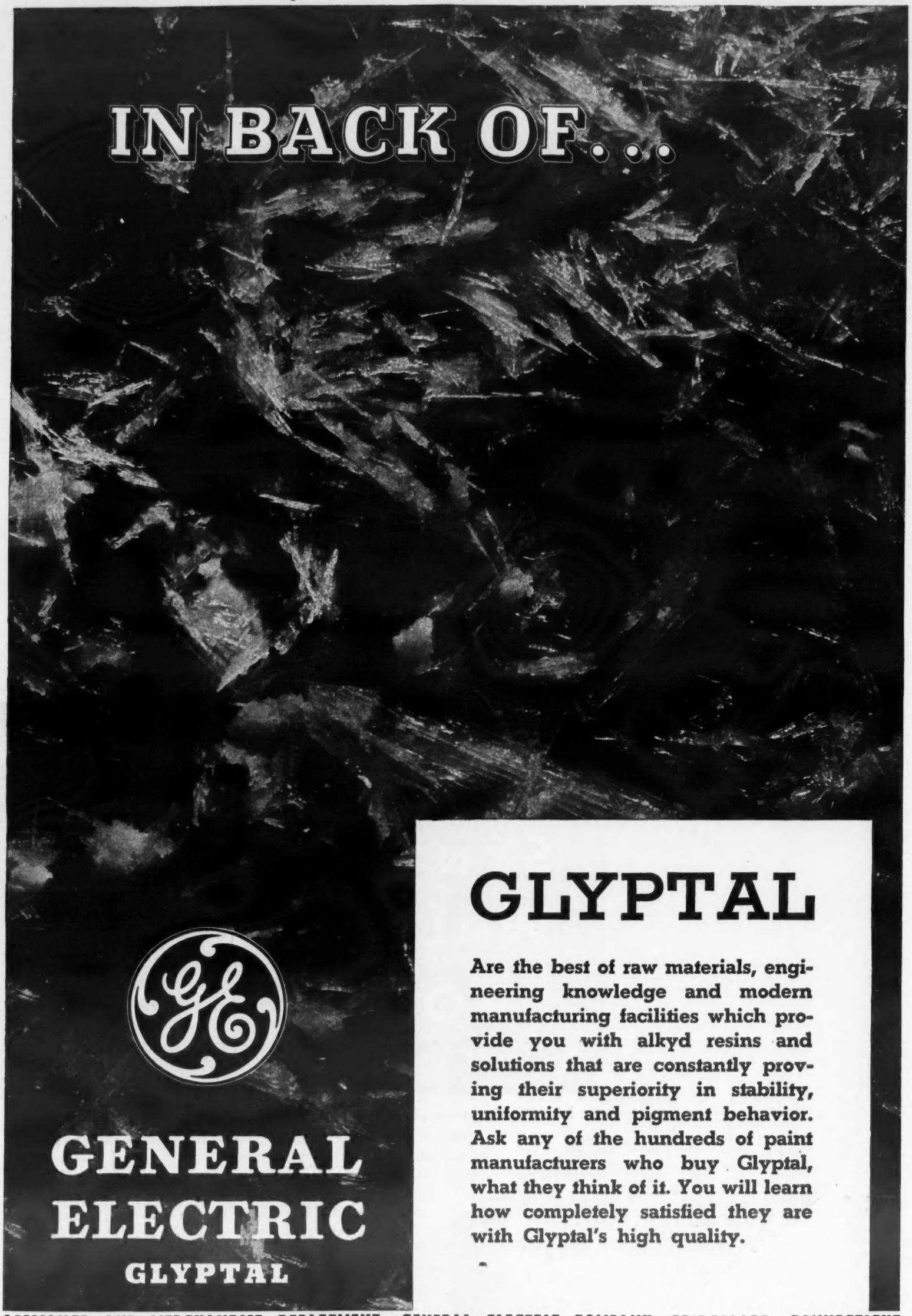
Into the highly complex field of commercial waxes comes CERCON, a refined mineral product which is supplied in six colors: Snowdrift, Lemon, Orange, Tangerine, Apricot and Olive.

Having an ASTM penetration of 50 with the 50 gram weight attached, CERCON has a wide scope of commercial uses. In many of these uses it offers the manufacturer or compounder a substantial saving over the material now in use, such as ceresin and ozokerite.

Without attempting to further analyze the application of CERCON to any given product or process, we offer test samples to any interested user of this type of material.

Your inquiry will be promptly acknowledged

The Conewango Refining Co.
WARREN, PENNSYLVANIA



GENERAL ELECTRIC

GLYPTAL

A miscroscopic photograph of phthalic anhydride

GLYPTAL

Are the best of raw materials, engineering knowledge and modern manufacturing facilities which provide you with alkyd resins and solutions that are constantly proving their superiority in stability, uniformity and pigment behavior. Ask any of the hundreds of paint manufacturers who buy Glyptal, what they think of it. You will learn how completely satisfied they are with Glyptal's high quality.

APPLIANCE AND MERCHANDISE DEPARTMENT, GENERAL ELECTRIC COMPANY, BRIDGEPORT, CONNECTICUT

Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd. except Pac. cst..lb. .05½- —
ex whse., Pac. cst..lb. .05½- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 73-75%, grd.,bbls., works..ton.75.00 -100.00
kgs., small lots, works..lb. .04¼- .04½
white, 98%, grd., kgs., works. lb. 1.40 - 1.53

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

A

Abalyn resin, 55-gal. dms., non-returnable, works..lb. .16 - —
Aroclors, distilled, dms., c.l., works..lb. .23 - —
ton lots, works.....lb. .25 - —
single dms., works.....lb. .27 - —
undistilled, dms., c.l., works.lb. .18 - —
ton lots, works.....lb. .20 - —
single dms., works.....lb. .22 - —

B

Bakelite, gooks, BK, 3962, XK 6791, dms., 30,000 lbs.,works.lb. .22½- —
15,000 lbs., works.....lb. .23 - —
5,000 lbs., works.....lb. .23½- —
lacquer, XR 2342, dms., 30,090 lbs, works..lb: .38 - —
15,000 lbs., works.....lb. .38½- —
5,000 lbs., works.....lb. .39 - —
3180, dms., 30,000 lbs., works..lb. .45 - —
15,000 lbs., works.....lb. .46 - —
5,000 lbs., works.....lb. .47 - —
4357, dms., 30,000 lbs., works..lb. .45 - —
15,000 lbs., works.....lb. .46 - —
5,000 lbs., works.....lb. .47 - —
9448, dms., 30,000 lbs., works..lb. .35 - —
15,000 lbs., works.....lb. .36 - —
5,000 lbs., works.....lb. .37 - —
phenolic, 100%, BR, 254, bbls., 30,000 lbs., works..lb. .45 - —
15,000 lbs., works...lb. .46 - —
5,000 lbs., works...lb. .47 - —
1329, bbls., 30,000 lbs., works..lb. .32 - —
15,000 lbs., works...lb. .33 - —
5,000 lbs., works...lb. .34 - —
2987, bbls., 30,000 lbs., works..lb. .32 - —
15,000 lbs., works...lb. .33 - —
5,000 lbs., works....lb. .34 - —
3360, bbls., 30,000 lbs., works..lb. .42 - —
15,000 lbs., works..lb. .43 - —
5,000 lbs., works....lb. .44 - —
4006, bbls., 30,000 lbs., works..lb. .55 - —
15,000 lbs., works..lb. .56 - —
5,000 lbs., works....lb. .57 - —
4036, bbls., 30,000 lbs., works..lb. .40 - —
15,000 lbs., works..lb. .41 - —
5,000 lbs., works....lb. .42 - —
6882, bbls., 30,000 lbs., works..lb. .42½- —
15,000 lbs., works..lb. .43½- —
5,000 lbs., works....lb. .44½- —
8900, bbls., 30,000 lbs., works..lb. .48 - —
15,000 lbs., works..lb. .49 - —
5,000 lbs., works....lb. .50 - —
9476, bbls., 30,000 lbs., works..lb. .28 - —
15,000 lbs., works..lb. .29 - —
5,000 lbs., works....lb. .30 - —
XR, 4503, dms., 30,000 lbs., works..lb. .56 - —
15,000 lbs., works..lb. .57 - —
5,000 lbs., works....lb. .58 - —
modified, BR 302, dms., 30,000 lbs., works..lb. .26 - —
15,000 lbs., works...lb. .26½- —
5,000 lbs., works...lb. .27 - —
2072, bbls., 30,000 lbs., works..lb. .23 - —
15,000 lbs., works...lb. .23½- —
5,000 lbs., works...lb. .24 - —
2175, cns., 30,000 lbs., works..lb. .23 - —
15,000 lbs., works...lb. .23½- —
5,000 lbs., works...lb. .24 - —
2963, bbls., 30,000 lbs., works..lb. .24 - —
15,000 lbs., works...lb. .24½- —
5,000 lbs., works...lb. .25 - —
Bakelite, solutions, XJ, 180, dms., 30,000 lbs., works..lb. .179 - —
15,000 lbs., works.....lb. .184 - —
5,000 lbs., works.....lb. .189 - —
431, dms., 30,000 lbs., works, lb. .226 - —
15,000 lbs., works.....lb. .231 - —
5,000 lbs., works.....lb. .236 - —
2681, dms., 30,000 lbs., works..lb. .22 - —
15,000 lbs., works.....lb. .22½- —
5,000 lbs., works.....lb. .23 - —
3100, dms., 30,000 lbs., works..lb. .19½- —
15,000 lbs., works.....lb. .20 - —
5,000 lbs., works.....lb. .20½- —
6000, dms., 30,000 lbs., works..lb. .26½- —
15,000 lbs., works.....lb. .27 - —
5,000 lbs., works.....lb. .27½- —
6380, dms., 30,000 lbs., works..lb. .26½- —
15,000 lbs., works.....lb. .27 - —
5,000 lbs., works.....lb. .27½- —
7506, dms., 30,000 lbs., works..lb. .30 - —
15,000 lbs., works.....lb. .30½- —
5,000 lbs., works.....lb. .31 - —
8263, dms., 30,000 lbs., works..lb. .22 - —
15,000 lbs., works.....lb. .22½- —
5,000 lbs., works.....lb. .23 - —
8264, dms., 30,000 lbs., works..lb. .21½- —
15,000 lbs., works.....lb. .22½- —
5,000 lbs., works.....lb. .23½- —
8344, dms., 30,000 lbs., works..lb. .383 - —
15,000 lbs., works.....lb. .393 - —
5,000 lbs., works.....lb. .403 - —
9405, dms., 30,000 lbs., works..lb. .33 - —
15,000 lbs., works.....lb. .34 - —
5,000 lbs., works.....lb. .35 - —

C

Cumar, AX, dms., works.....lb. .06 - —
EX, dms., works.....lb. .06 - —
CX, dms., gross weight, works, lb. .05 - —
DX, dms., gross weight, works, lb. .04 - —
EX, dms., gross weight, works, lb. .04 - —
FX, dms., gross weight, works, lb. .05 - —
MH, col. ½, dms., works....lb. .12 - —
1, dms., works.....lb. .11 - —
1½-2, dms., works.....lb. .10 - —
2½ and darker, dms., works, lb. .09 - —
MS, dms., works.....lb. .10 - —
P, 10°-90° C., col. 3 and darker, dms., works..lb. .10½- —
RH, dms., works.....lb. .10 - —
RS, dms., works.....lb. .10 - —
special soft, dms., works...lb. .10 - —
V, col. ½, dms., works....lb. .12 - —
1, dms., works.....lb. .11 - —
1½-2, dms., works.....lb. .10 - —
2½ and darker, dms., works, lb. .09 - —
W, col. ½, dms., works.....lb. .13 - —
1, dms., works.....lb. .12 - —
1½-2, dms., works.....lb. .11 - —
2½ and darker, dms., works, lb. .10 - —

Cumar prices include frt. equald. with Pittsburgh; prices on contracts terminating June, 1938, are ¼c. per pound lower.

D

Durez, 202, dms., c.l., works..lb. .45 - —
l.c.l., works.....lb. .47 - —
210, dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
210, extra pale, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
500, dms., c.l., works.....lb. .32 - —
l.c.l., works.....lb. .33 - —
525, dms., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .26 - —
550, dms., c.l., works.....lb. .29 - —
l.c.l., works.....lb. .30 - —

Durez prices ex warehouse at Pacific Coast and Gulf points are 3c. per pound additional. C.l. (36,000 pounds) price will apply on c.l. of mixed resins. Contracts covering 3 months for price protection only.

Durite,1,301 dms.,1 ton,frt.alld.lb. .30 - —
smaller lots, frt. alld....lb. .35 - —

G

G, resin, dms., gross weight, works, frt equal. with Phila., lb. .08¼- —

G resin prices on contracts terminating June, 1938, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Guai-a-phene, 10-gal. cns., works, gal. 2.57 - —
5-gal. cns., works.....gal. 2.62 - —
1-gal. cns., works.....gal. 2.82 - —
dms., works.....gal. 2.50 - —

H

Hercolyn, dms. (nonreturnable), works..lb. .22 - —

J

Jonite (see Zinc-iron oxide pigment in regular price list above).

K

Kadox (zinc oxide), black, or red label, bgs., c.l., dlvd..lb. .06¼- —
l.c.l., dlvd. E. of Rockies.lb. .06½- —
Pac. cst., ex whse.....lb. .06½- —
bbls., c.l., dlvd.....lb. .06½- —
l.c.l., dlvd. E. of Rockies.lb. .06¾- —
Pac. cst., ex whse.....lb. .06¾- —

N

Nevillac, dms., works.....lb. .16 - —

Nevillac prices on contracts terminating June, 1938, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Neville resin, R-1 nevindene, col. ½, dms., works..lb. .13 - —
R-3, nevindene, col. 1, dms., works..lb. .12 - —
R-5, nevindene, col., 1½-2, dms., works..lb. .11 - —
R-6, nevindene, col., 2½-3½, dms., works..lb. .10 - —
R-7, N.P.S., col. below 3, dms., works..lb. .12 - —
R-8, N.P.S., col. below 3, dms., works..lb. .12½- —
R-9, hard, col. ½, dms., works. lb. .12 - —
R-10, hard, col. 1, dms., works. lb. .11 - —
R-11, hard, col. 1½-2, dms., works..lb. .10 - —
R-12, hard, col. 2½ and darker, dms., works..lb. .09 - —
R-13, medium, col. ½, dms., works..lb. .12 - —
R-14, medium, col. 1, dms., works..lb. .11 - —
R-15, medium, col. 1½-2,dms., works..lb. .10 - —
R-16, medium, col. 2½ and darker, dms., works..lb. .09 - —
R-17, medium soft, col. 3½-8, dms., works..lb. .10 - —
R-19, medium soft, col. 3½-8, dms., works..lb. .10 - —
R-21, soft, col. 3½-8, dms., works..lb. .10 - —
R-22, special, soft, col. 3½-8, dms., works..lb. .10- -
R-27, medium soft, col. 1, dms., works..lb. .12½- —
R-28, medium soft, col. 1½-2, dms., works..lb. .11½- —
R-29, medium soft, col. 2½ and darker, dms., works..lb. .10½- —
R-41, phenester, col. 3½-5, dms., works..lb. .17 - —

Neville resin prices are freight equalized with Phila.; prices on contracts terminating June, 1938, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Nevillite, dms., works.....lb. .35 - —
oil, dms., works.....lb. .45 - —
Nevinol, dms., works.....lb. .15 - —
2 heavy, dms., works.....lb. .11 - —
Nuba, 1, 80°-95° C., dms., gross weight, works..lb. .03 - —
2, 100°-125° C., dms., gross weight, works..lb. .03 - —
3, 135°-150° C., dms., gross weight, works..lb. .04 - —

Zinc-Ammo. Chl.—Vinylite

Nuba resin prices are freight equalized with Phila.; prices on contracts terminating June, 1938, are ¼c. per pound lower. Los Angeles and San Francisco ex whse., 3c. per pound extra.

Nuodex drier, cobalt, 4%, dms., dlvd. E. of Kas. City.....lb. .19½- .21½
6%, dms., same basis.....lb. .24½- .26½
8%, dms., same basis.....lb. .32¾- .34
10%, dms., same basis.....lb. .43 - .43¾
cobalt 3%-lead 30%, dms, same basis..lb. .20 - —
cobalt 1%-zinc 10%, dms., same basis..lb. .22½- —
copper, 4%, dms., same basis.lb. .12 - —
6%, dms., same basis.....lb. .14 - .16
iron, 4%, dms., same basis..lb. .11 - —
6%, dms., same basis.....lb. .13 - —
10%, dms., same basis.....lb. .21 - —
lead, 16%, dms., same basis..lb. .10¼- .11¼
24%, dms., same basis.....lb. .14 - .18
32%, dms., same basis.....lb. .18 - .20
34%, dms., same basis.....lb. .19 - .20
lead 30%—cobalt 3% (see Cobalt).
lead 30%—manganese 3% (see Manganese).
manganese, 4%, dms., same basis..lb. .12½- —
6%, dms., same basis.....lb. .13 - .14
8%, dms., same basis.....lb. .18 - .19
10%, dms., same basis.....lb. .22 - —
manganese 3%—lead 30%, dms., same basis..lb. .17 - —
mercury, 25%, dms., same basis..lb. .55 - —
zinc, 5%, dms., same basis..lb. .13 - .14
8%, dms., same basis.....lb. .16½- .17½
12%, dms., same basis.....lb. .22 - .23
zinc 10%—cobalt 1% see (Cobalt).

P

Paradene, 1, dms., gross weight, wks., frt. equal, with Phila. lb. .04 - —
2, same basis.....lb. .04 - —
3, same basis.....lb. .05 - —
Pliolite, milled, dms., 1 ton, works..lb. .75 - —
smaller lots, works.....lb. .79 - —
unmilled, dms., 1 ton, works.lb. .66 - —
smaller lots, works.....lb. .69 - —

S

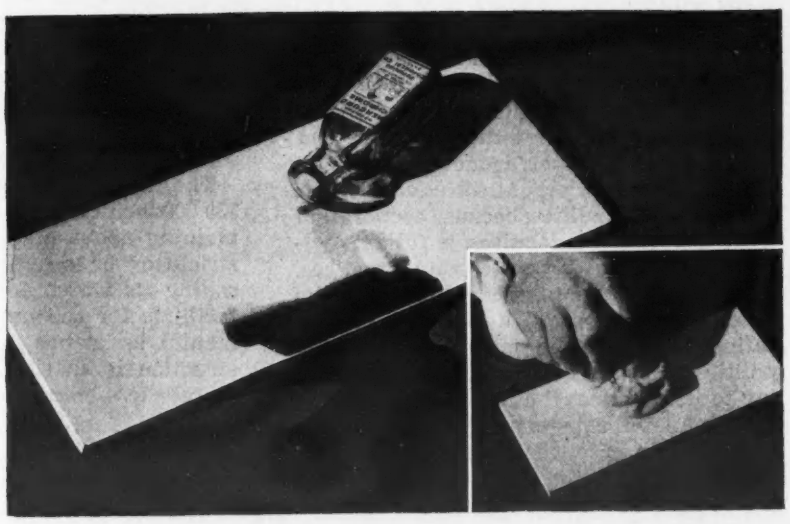
Surfex, bgs., c.l., frt. alld. up to 25c. per 100 lbs..ton.35.00 - —

T

Tornesit, bgs., ton lots, works..lb. .37 - —

V

Vinylite, AYAA, AYAF, AYAT, dms., 200 lbs., f.o.b. cars, works, frt. paid by seller to destination, E. of Mississippi river..lb. .45 - —
smaller lots, works.....lb. .60 - —
VYHF, dms., 200 lbs., works, lb. .55 - —
smaller lots, works.....lb. .65 - —
VYHH, dms., 200 lbs., works.lb. .57 - —
smaller lots, works.....lb. .67 - —
VYNT, dms., 200 lbs, works.lb. .75 - —
smaller lots, works.....lb. .85 - —
VYRR, dms., 200 lbs., works.lb. .55 - —
smaller lots, works.....lb. .65 - —



Paint, Varnish, Lacquer, Fillers Sales: Oct.

The value of paint, varnish, lacquer and filler sold in October totaled $32,791,845, according to reports filed with the Bureau of Census by 680 establishments. Details of sales reported by these establishments and comparative data for 1936 follow:—

1937.	Total sales reported by 680 establishments.	Classified sales*: Trade sales of paint, varnish, and lacquer.	Classified sales*: Industrial sales: Total.	Industrial sales: Paint and varnish.	Industrial sales: Lacquer.	Unclassified sales reported by 100 establishments.
January	$31,288,615	$16,047,179	$12,456,616	$8,906,595	$3,550,021	$2,784,820
February	31,015,653	15,440,210	12,885,413	9,201,543	3,683,870	2,690,030
March	39,498,071	19,398,445	16,601,194	12,036,210	4,564,984	3,498,432
April	40,345,474	25,102,366	16,759,108	12,179,600	4,579,508	4,484,000
May	45,254,635	24,206,972	16,785,249	12,526,801	4,258,448	4,262,414
June	41,656,085	22,348,182	15,343,359	10,843,172	4,500,187	3,964,544
July	36,004,636	18,502,323	14,186,572	9,763,920	4,422,652	3,315,741
August	35,305,043	18,521,006	13,517,878	9,230,886	4,286,992	3,266,159
September	34,489,882	18,166,243	12,993,944	9,023,194	3,970,750	3,329,695
October	32,791,845	16,256,222	13,447,493	8,761,135	4,686,358	3,088,130
Totals, 10 mos. 1936.	$373,649,939	$193,989,148	$144,976,826	$102,473,056	$42,503,770	$24,083,965
Jan. to Sept.	302,694,856	157,516,799	117,123,213	82,987,762	34,135,451	28,054,844
October	35,354,930	17,735,136	14,479,453	10,221,164	4,258,289	3,140,341
Totals, 10 mos.	$338,049,786	$175,251,935	$131,602,666	$93,208,926	$38,393,740	$31,195,185
Totals, year	398,032,770	203,073,252	158,221,017	111,032,702	47,188,315	36,738,501

* Reported by 580 establishments.

Richmond Petroleum Company, a subsidiary of the Standard Oil Company of California, has filed seven suits in the First Federal District Court, Mexico City, asking injunctions against the Mexican Government's nationalization of 350,000 acres of oil lands held under lease.

Toilet articles of domestic or foreign manufacture, offered for sale in Peru, are required by law to bear antituberculosis stamps. The Bureau of Public Health has given notice that failure to comply with the law will result in confiscation of the goods and the imposition of fines.

LINSEED-210 FLATS

Stain-proof, durable, low in cost

Want a resin that makes flat linseed paints that are as good as those made with tung oil and rosin—and cost no more?

Then you want Durez 210. This unique resin works so well with linseed that you get more resistant, scrubbable flats than ever before, at no greater cost! (Mercurochrome, ink and pencil marks wash off easily.) It brushes beautifully and has a heavy body even when large amounts of thinner are added. It's actually a more saleable paint.

Production men in many plants are telling us that 210 works better with linseed than any other resin in its class. In the case of the flats mentioned above, the 210-linseed paint resisted washing and abrasion better than a famous flat advertised as highly-resistant.

Send today for linseed-210 data and samples of the resin. Address General Plastics, Inc., 412 Walck Road, North Tonawanda, N. Y.

DUREZ

PHENOLIC RESINS

Oil, Paint & Drug Reporter

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Business In Politics

Some evidence of newer, better business thinking is to be found in the sentiments expressed by certain business leaders, that business quit sulking and letting politicians "get its goat"; that it quit calling names, and proffer government a program and cooperation for its furtherance that cannot be refused. It is also good that business is being advised by some of its leaders to enter politics; for politics needs business a thousand times as much as business needs politics.

These things have been said in these columns many times in an endeavor to show business that national economic prosperity and stability must be created and maintained by business, for the simple reason that there is no other agency that can do the job. The best part of the advice is that business enter politics; because cooperation with government requires a full knowledge of political processes and practices. Business should not enter politics with the purpose of becoming a political organization but with the purpose of making politics a business organization and applying to its practices the theories of the laws that regulate business in respect of monopolies, unfair practices, discrimination and other favors.

Business is paying for all that politics does. It should manage the operations, as well as finance them. Business can provide employment directly at a net cost, considering the extent to which the outgo is returned, less than that of politically provided work. Business can adjust operations and relations of its manufacturing, distributing, and agricultural divisions in a manner that will do away with inequalities that politics has set up and does maintain and get rid of the consequent necessity of subsidizing one and then the other division in an endless pursuit of parities!

As long as business stays out of politics, politicians will persist in getting into business. They have got well in individually and have achieved more than a little mass invasion. The one effective defense of business against political, or governmental, invasion and interference is an offense that will carry business into the center of politics and the domination of politics, not with selfish motives, but for the equitable benefiting of all.

Do Something About Housing

One of the best opportunities for business to co-operate with government and at the same time enter the political arena in a way that will enable it to steal the show from the politicians and at the same time get substantial profits is offered by the movement to stimulate the building of houses. If business muffs this opportunity, it will permit politicians for years to come to reap the rewards of having remedied the housing shortage.

Building construction was a dull spot on the October business picture, dropping 9.5 percent in number of permits and 3.7 percent in value from September to a point 9.6 percent below 1936 in number and 4.9 percent in value—these comparisons include repairs and renovations. The reasons for this are not disclosed. If the blame lies on those who should for selfish ends push building, that fact should be made known. If financial aid has been denied, it is time that the position of those who hold the abundance of idle capital was widely published. If high costs have been the deterrent, let business in all its divisions, including labor, show why.

Labor leaders say that the proposal that hourly wages be made secondary to annual income is not practicable. They merely presume this: the idea has never been given a real trial. Similar opposition to reducing the costs of building materials is expressed; but the idea of mass production has not been applied in this field. The housing campaign is an opening for the doing of the things that those who do not want to do them say cannot be done.

Government proposes, in legislation already prepared, to make it much easier for business to take hold of the housing job. Business cannot afford to let government go any farther; for to do so government must enter business. It is senseless to talk of slamming the door in government's face; the thing to do is to fill the job so completely that there is no room in it for government. New competition can find no place in a field that is adequately served by existing agencies.

The automotive industry sold almost 330,000 vehicles in October, not by complaining about high costs or government strictures or other interference, but by selling its wares and providing financing facilities for the buyers, without governmental assistance. Is the group of construction industries less capable, or is it merely less enterprising?

—O-P-D—

Why Is the Recession

Opinions differ widely in respect of the seriousness of the business recession that has been the subject of much comment during the past two or three months. While it cannot be denied that business has receded, it is difficult to find records which indicate that the recession has been general, and it is almost impossible to find a convincing reason why there should be a recession. On the seriousness of the recession and in attempted explanation of it, opinions clearly manifest the influence of points of view.

Physical evidence of the reasonableness of the recession is slight. The psychological aspects of the situation are, on the contrary, big and "blue." And there are some who go beyond bad psychology to blame the whole affair on bad manners, on malice or vindictiveness. These point to the inconsistency between sales records at retail and the increase in unemployment, but they do not give enough consideration to the full significance of decreasing shipments of goods.

Industrial production dropped 7.2 percent during October and fell to a point 6.3 percent below the corresponding 1936 level. Factory employment decreased 1.7 percent in the month ended October 15, but was still 3.8 percent above the 1936 mark. All this year's drop was in the nondurable goods industries, and these fell below their level of a year ago while employment in the capital goods industries showed a gain of 9.1 percent. It is reported in some quarters that production of automobiles fell off in October, but there was a slight increase of employment in that industry, and factory sales jumped 92.8 percent from the September mark to stand 46.8 percent above the October, 1936, mark. Retail sales were up 18.1 percent from September, 45.0 percent above those of a year earlier. It is not easy to reconcile these figures with the drop of 20 percent in productive activity in iron and steel between September and October.

—O-P-D—

Shipments And Sales

Freight loadings show that the recession of business is actual and substantial at least at that point. Railroads loaded 2.6 percent less cars in October than in September, their total for the month being 1.3 percent below that for October, 1936. Truck-loadings were off 4.3 percent from the preceding month, but 2.8 percent ahead of the 1936 mark. There is a clear relationship of these records to the drop of 5.4 percent in manufacturers' sales and 6.7 percent in wholesalers' sales from September to October; but, while the sales of the former were 3.3 percent larger than in October, 1936, wholesalers' sales were 4.0 percent smaller. This begins to get close to the place where the heavy inventories lie.

Retailing records throw some light on this point, but they are confused by other factors. Department stores reported smaller sales—the effects of fair trade laws must not be disregarded in this connection. Variety stores' sales also were smaller in October, and so were those of grocery chains; but drug chains showed a gain of 0.3 percent. All were a little better than in 1936—in spite of the Patman act and fair trade laws. Independent retail stores put paint of a more pleasing hue on the picture. Their sales in October in twenty-five States for which records are available averaged 4.5 percent larger than those in September, and were 1.9 percent larger than those in October, 1936. And in spite of rapidly declining prices of farm products, retail sales in rural regions did not recede in October from the high September mark and stood 3.5 percent above the October, 1936, level.

Something more than an expectation of tax relief is necessary to put business in position to operate as it might. Easing of investment will not do the trick—no, job; trickiness should have no place in this thing—because most of the enterprises that are in the recession need no capital, and many of those which want it cannot make their present capitalization pay. A new mentality, new in construction and new in application, is the biggest need of business. The fact that so many things of use to business are better than they were a year ago shows that something is wrong with the psychology that does not make better use of these things in order that the things which are not so good may be made better. These things have no inherent power of self-improvement.

MANUFACTURING
CHEMISTS
SINCE 1849

PFIZER QUALITY

ASCORBIC ACID

$C_6H_8O_6$

PFIZER l–Ascorbic Acid (Cevitamic Acid) is a white to yellowish-white fine crystalline powder; exceptionally free from metallic impurities and of excellent stability. It is derived from dextrose, or grape sugar, by carefully controlled processes which ensure its continued high purity and uniformity.

Pfizer l–Ascorbic Acid meets all the American Medical Association tests for Cevitamic Acid, as published in New and Non-Official Remedies for 1937.

CHAS. PFIZER & CO., INC.

NEW YORK
81 MAIDEN LANE

CHICAGO
444 W. GRAND AVE.

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Five-hundred-seventieth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

2-Amino-4-acetyl-4′-methyl-1:1′-diphenyl Ether

Textile

Starting point (Brit. 453953) in making—
- Dyed or printed red colors of fine purity of shade and fastness to kier-boiling with—
  - 2:3-Hydroxynaphthoic-2′-methylanilide
  - 2:3-Hydroxynaphthoic-2′:5′-dimethoxyanilide
  - 2:3-Hydroxynaphthoic-4′-methoxy-2′-methylanilide
  - 2:3-Hydroxynaphthoic-3′:4′-dichloroanilide
  - 2:3-Hydroxynaphthoic-5′-chlor-2′-methylanilide
  - 2:3-Hydroxynaphthoic-4′-chlor-2′-methoxyanilide
- Dyed or printed scarlet-red colors of fine purity of shade and fastness to kier-boiling with—
  - 2:3-Hydroxynaphthoic-3′-methylanilide
  - 2:3-Hydroxynaphthoic-4′-methylanilide
  - 2:3-Hyroxynaphthoic-3′-chlor-2′-ethoxyanilide
  - 2:3-Hydroxynaphthoic-2′-methoxy-5′-methylanilide
  - 2:3-Hydroxynaphthoic-4′-chlor-2′-methoxyanilide

Bismuth Ricinoleate-Gallate

Pharmaceutical

Claimed (Brit. 443860) to be—
- Assimilable organic bismuth salt

Copper-Glucinium Alloys

(Alloys having the hardness of steel but characterized by the property of inability to produce sparks on subjection to blows or shock)

Automotive

As a nonferrous alloy having safety features

Aviation

As a nonferrous alloy having safety features

Metal Fabricating

Base material in making—
- Carbide gas-burning devices
- Chemical manufacturing plant equipment
- Electrodes for soldering machines
- Explosive plant manufacturing equipment
- Friction surfaces
- Helicoid gears for high-speed sewing machines
- Small springs
- Soldering irons
- Surgical instruments
- Valve guides

Dichlorhydrin

(Alphapropenyldichlorhydrin, Dichloroisopropyl Alcohol, 1:3-Dichloropropanol-2, Glyceroldichlorhydrin)

(The commercial product is a mixture of the two isomers 1:3-dichlor-2-hydroxypropane and 1:2-dichlor-3-hydroxypropane, of which the former is in a dominant amount)

Cellulose Products

Solvent for—
- Cellulose acetate
- Ethylcellulose
- Nitrocellulose

Ceramic

Solvent in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

Intermediate in—
- Organic syntheses

Solvent miscible with—
- Most organic solvents
- Vegetable oils

Cosmetic

Solvent in—
- Nail enamels and lacquers containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers as base material

Electrical

Solvent in—
- Insulating compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used for covering wire and in making electrical machinery and equipment

Glass

Solvent in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Glue and Adhesives

Solvent in—
- Adhesive compositions containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers

Gums

Solvent for—
- Copal
- Copal-ester
- Dammar
- Elemi
- Manila
- Mastic
- Other gums

Leather

Solvent in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of artificial leathers and as coatings for decorating and protecting leathers and leather goods

Metal Fabricating

Solvent in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as coatings for protecting and decorating metallic articles

Miscellaneous

Solvent miscible with—
- Most organic solvents
- Vegetable oils

Solvent in—
- Coating compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used for protecting and decorating various articles

Paint and Varnish

Binder for—
- Water colors

Solvent in—
- Paints, varnishes, lacquers, enamels, and dopes containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers

Paper

Solvent in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of coated papers and as coatings for decorating and protecting products made of paper or pulp

Photographic

Solvent in making—
- Films from nitrocellulose, cellulose acetate, or other esters or ethers of cellulose

Plastics

Solvent in making—
- Plastics from or containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers

Resins

Solvent for—
- Benzyl abietate
- Cumar resins
- Ester gums
- Glyptal resins
- Shellac
- Resins in general

Rubber

Solvent in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as coatings for protecting and decorating rubber goods

Stone

Solvent in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as coatings for decorating and protecting artificial and natural stone

Textile

Solvent in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of coated fabrics

Wood

Solvent in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as protective and decorative coatings on woodwork

Ethylenechlorhydrin

(2-Chloroethyl Alcohol, Glycolchlorhydrin)

Agriculture

Promoter of—
- Early sprouting of dormant potatoes

Cellulose Products

Solvent for—
- Cellulose acetate (tolerates the addition of water at the same time)
- Ethylcellulose (used in admixture with methanol)

Chemical

As a solvent miscible with—
- Alcohol
- Benzene
- Methanol
- Water

Intermediate in synthesis of—
- Novacaine

Introducer of—
- Hydroxyethyl group in organic syntheses

Reagent in making—
- Malonic acid

Starting point in making—
- Glycol esters (used with salts of organic acids)
- Phenylethyl alcohol

Dye

Intermediate in making—
- Synthetic indigo

Glass

Suggested ingredient of—
- Solvent mixtures for cellulose acetate or ethylcellulose in making safety glass

Leather

Suggested ingredient of—
- Solvent mixtures for cellulose acetate or ethylcellulose in making artificial leather or flexible coatings for leather

Paint and Varnish

Suggested ingredient of—
- Solvent mixtures for cellulose acetate
- Solvent mixtures for ethylcellulose

Paper

Suggested ingredient of—
- Solvent mixtures for cellulose acetate or ethylcellulose in making flexible coatings for paper

Textile

Suggested ingredient of—
- Solvent mixtures for cellulose acetate
- Solvent mixture for ethylcellulose

Methyl Cyclopentenylacetate

Food

Agent for—
- Producing pineapple aroma and flavor

Monochlorhydrin

Chemical

Intermediate in—
- Organic syntheses

Intermediate in making—
- Novocaine

Solvent immiscible with oils and other hydrocarbons

Solvent miscible with water and various organic solvents

Cellulose Products

Solvent for—
- Cellulose acetate (used with water)

Explosives

Intermediate in making—
- Explosives

Resins

Partial solvent for—
- Benzyl abietate
- Ester gum
- Mastic
- Shellac

Solvent for—
- Glyceryl phthalate resins

Octyl Cyclopentenylacetate, Secondary

Food

Agent for—
- Producing pineapple aroma and flavor

Pentachloroanthraquinone-1:2:7:8-diacridone

Dye

Starting point (U.S. 1972094) in making—
- Reddish-grey vat dyes with 1-aminoanthraquinone

Sodium, Secondary, Butyl-betabromoallylbarbiturate

(Pernocton)

Pharmaceutical

Suggested for use as—
- New anesthetic (by basal narcosis)

Tribromoethane

(Bromoform, Bromoformio, Bromoformium, Bromoformum, Dreifachbrommethan, Formyl Tribromide, Methenyl Tribromide, Tribrommethan, Tribromure de Methane)

Analysis

Solvent in—
- Analytical processes involving control or research work

Chemical

Intermediate in—
- Organic syntheses

Solvent miscible with—
- Alcohols
- Esters
- Ethers

Fire-Fighting

Ingredient of—
- Chemical fire extinguishers

Mining

Solvent in—
- Geological assays

Miscellaneous

Solvent miscible with—
- Alcohols
- Esters
- Ethers

Pharmaceutical

Suggested for use as a—
- Local anesthetic
- Nervine
- Sedative

Heavy Chemicals

Sharp Reduction in Lime Acetate—Acetic Acid List Prices Remain Unchanged—Soda Phosphate Advanced—Alkalies Continue Firm—Soda Chlorate Quotation Renewed for 1938

Business in the market for industrial chemicals noted a slight slackening during the week just closed. The further tapering off in purchases could be attributed to an additional effort to hold down supplies to actual production requirements in view of the near approach of the year-end inventory period, together with the general uncertainty regarding the trend of business after the turn of the new year. Changes in the market included an advance in soda phosphate and a reduction in lime acetate.

Advance in soda phosphate was noted early in the week, as sellers began their drive for 1938 contrasts. Prices for Glauber's salt and anhydrous soda sulphate continue firm, sellers were booking business for next year at current levels. Reports from the steel industry were to the effect that operations were lower, and conservative operations were noted in the automobile industry. The textile and tanning industries continue on curtailed operating schedules. Tin salts were firmer, reflecting an increase in the basic metal. Zinc arsenite held firm. Sellers of paradichlorobenzene continued their drive for 1938 schedules, prices for which are somewhat under 1937 quotations. Oxalic acid was firm for 1938. Considerable progress was reported to have been made in writing 1938 alkali business. Lime acetate was reduced. The list prices for acetic acid continue unchanged.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Soda phosphate, di basic, c.l., 15c. per 100 lbs.
l.c.l., 30c. per 100 lbs.
tri-basic, 15c. per 100 lbs.

Reduced

Calcium acetate, 30c. per 100 lbs.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for Auguct 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
154.3	154.3	154.3	153.5

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.7	99.7	99.7	99.4

Market news that may have developed after this report was sent to press will be found on page 4.

Alums.—The market for iron-free and commercial aluminum sulphate noted a fair demand throughout the week, the call indicated consumers were covering for nearby production needs only. A steady to firm tone continued in evidence.

Ammonia, Anhydrous.—Interest in this market continued to be concerned mainly with writing 1938 contracts, producers reporting substantial progress has been accomplished in booking business for delivery over the next year.

Ammonia, Aqua.—Buying by routine sources continued at an irregular pace during the week just closed. Producers reported prices were firm at the levels in force previously.

Ammonia Carbonate.—Demand continued to be along conservative lines during the week just closed, sellers reporting prices were steady to firm, and contracts were being renewed at the same levels.

Antimony.—Business in the market for antimony metal continued highly irregular throughout the week, sellers were asking 14¾c. per pound.

Arsenic.—Business in the market for white arsenic continued quiet throughout the week, sellers in all quarters of the market reported quotations were steady to firm. There was little to report in red arsenic, demand was spotty, and quotations were without change.

Barium Salts.—There was a favorable buying movement noted in the market for barium chloride. Prices ruled firm. There was little to report in carbonate of barium, and prices for hydrate and nitrate of barium continued firm. It was reported that consideration is being given to the recovery of barium silicofluoride from waste gases by Russia.

Bleaching Powder.—A firm tone prevailed in this market again last week, although demand showed a tendency to drag at times. Producers were making satisfactory headway in booking 1938 business.

Calcium Acetate.—Price was reduced to $1.65 per 100 pounds, representing a reduction of 30c. per 100 pounds.

Calcium Chloride.—A good inquiry was noted in this market again last week. Prices were well maintained. A good volume of business has been written for 1938 delivery, prices being slightly higher for next year.

Carbon Bisulphide. — Demand was fair. Quotations were well held. A rise in world output of synthetic textile fibres has been the chief factor in the increased world production of carbon bisulphide from 110,000 metric tons in 1929 to 260,000 tons in 1936, according to a recent survey published in a French periodical. It is estimated that 90 percent of world output is accounted for by six countries, namely Germany, Japan, United States, Italy, United Kingdom and France and that 80 percent of consumption is accounted for by industries producing fibres and other materials based on cellulose xanthate as an intermediate.

Copper.—A fair buying movement was shown for electrolytic copper at intervals during the week, the outstanding development being a further fractional decline in price by a prominent seller to 10½c. per pound, making the new range of quotations 10½c. to 11c. per pound. Exports of copper from the United States in October were valued at $8,159,263, compared with the $9,197,050 trade of September and foreign shipments valued at $5,365,134 for October of last year, according to the Bureau of Foreign and Domestic Commerce. Featuring the October export trade was the outward movement of 57,877,269 pounds of refined copper in ingots, bars, and other similar forms and valued at $7,163,242. Old and scrap copper totalling 1,106,508 pounds valued at $120,157 was another leading item, it was stated. A $400,000 gain was registered in imports of copper during October, the trade advancing from September's total of $3,901,209 to a recorded value of $4,307,513 in October. In October a year ago this trade was valued at only $1,628,347. The highlight of the October, 1937, trade was the receipt of $3,334,643 worth of "unrefined copper in bars or converter bars," the next largest item being $382,713 worth of copper concentrates, it was stated. Both the import and export figures shown herein include copper brought into the United States for refining and for reexport, according to the Commerce Department.

Copper Salts.—Demand in this market continued highly irregular throughout the week. Prices were unchanged for cyanide, chloride, nitrate, and oxide.

Fluorspar.—While the call showed a tendency to slacken, stocks that a few months ago looked small, because of the high rate of activity in the steel industry, have caused consumers to purchase in a cautious manner because of the sharp decline in steel mill production over the past few months. Prices were without change.

Glauber's Salt.—A fair buying movement continued in evidence in this market, sellers were primarily interested in booking 1938 business, the schedule for which represents an extension of the current schedule.

Potash Carbonate.—A fair call was shown for this product during the week, sellers were holding to previous values for the solid material, and a good volume of business has been booked for the liquid material for 1938 delivery at the new schedule.

Potash, Caustic.—Shipments moving for the account of the soap trade indicated that consumers were covering when needs were urgent, and demand

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

TURNER

LIQUID CAUSTIC SODA
TANK TRUCKS—DRUMS
Local delivery tank truck service throughout the Metropolitan New York area.
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STAUFFER CHEMICAL COMPANY
624 California St., San Francisco, Cal. ■ 2710 Graybar Bldg., New York, N. Y. ■ Freeport Texas
Carbide and Carbon Bldg., Chicago, Ill. Rives-Strong Bldg., Los Angeles, Cal.
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PHOSPHORIC ACID
50% and 75% Strengths
A sparkling, crystal clear liquid whose purity has established a new high standard never attained heretofore in the commercial product.
VICTOR CHEMICAL WORKS
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UNIFORMITY
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CROWN CAN CO.
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Buyers Prefer
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Market Information
because it is
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BLUE VITRIOL
IRVINGTON SMELTING & REFINING
IRVINGTON WORKS NEW JERSEY
NEW YORK OFFICE
30 CHURCH ST.

from chemical processors was irregular. Prices were firm.

Potash Chlorate.—Quiet prevailed in this market again last week, sellers reporting prices were steady to firm. The match industry continued to adhere to a policy of cover for actual requirements only.

Saltcake.—Prices displayed a firm tone. Demand was fairly good. A survey by the Tariff Commission states that large deposits of crude sodium sulphate occur in many of the Western States.

An extensive deposit of hydrated sodium sulphate extends along the southern shore of Great Salt Lake. Several companies have exploited this formation. In 1934, one company constructed a plant 16 miles west of Salt Lake City. The salt as mined contains approximately 22 percent sodium sulphate, only about 1½ percent sodium chloride, and small amounts of water soluble impurities. No commercial production was reported from this property in 1935.

Large deposits of crude sodium sulphate are found in Wyoming, some of which are worked for Glauber salt chiefly for use in medicinal powders for livestock. None of the deposits has been worked for salt cake in recent years. A company produces Glauber salt from one private lake in Laramie County, about four miles east of Caspar and one-half mile north of the Chicago and Northwestern and Chicago, Burlington and Quincy Railroads, and also from Gill Lake about eight miles northeast of Caspar. Operations on this deposit consist of mining a layer 10 feet thick with a clamshell bucket. Another company has been mining Glauber salt from a deposit of about 250,000 tons of available sodium sulphate in a dry lake bed near Sodium, Natrona County, about 30 miles northwest of Caspar. Another company also mines a deposit near Rawlings and ships the product to Council Bluffs, Iowa, for refining into Glauber salt.

Among the unworked deposits in Wyoming are the Union Pacific Lakes, about 13 miles southwest of Laramie, containing a layer of sodium sulphate 9 to 14 feet thick overlaid by 3½ feet of clay, under several feet of water; and the three Downey Lakes, in Albany County, 22 miles southwest of Laramie, containing about 4,000,000 tons of crude sodium and magnesium sulphates, which probably would have to be separated by chemical means before marketing. During the summer of 1934 immense deposits of crude sodium sulphate were discovered and explored under the North Dakota, F.E.R.A. Work Project S-F 72-47 in Williams, Divide, and Mountrail Counties in northwestern North Dakota. Seven of these deposits have been thoroughly prospected and are calculated to contain more than 20,000,000 tons of sodium sulphate. They are located 1½ miles to 7 miles from railway transportation; and from 8 to 15 miles from abundant supplies of lignite, which could be utilized as fuel for drying and power. Grenora, N. Dak., is the logical shipping point.

Soda Ash.—A firm tone continued in prominence in this market throughout the week. Producers continued their drive for 1938 contracts. A satisfactory amount of business has been booked for 1938 thus far.

Soda, Caustic.—Writing of 1938 contracts continued as the focal point of activity in this market, sellers reporting prices were firm. Progress daily was being made in securing signed sales agreements for 1938 deliveries.

Soda Chlorate.—Prices for 1938 shipments of domestic soda chlorate represents an extension of the current schedule.

Soda Cyanide.—Business in this market continued at a conservative pace during the week, prices were firm at previous levels.

Soda Phosphate.—Prices for car lot di-basic soda phosphate were higher by 15c. per 100 pounds and less car lots were higher by 30c. per 100 pounds. Tribasic soda phosphate prices were uniformly 15c. per 100 pounds higher.

Thorium Nitrate.—Prices were steady. Demand was small. American, German and French producers supply India with its requirements of thorium nitrate, estimated at 15,000 pounds annually. Several new concerns have engaged in the production of mantles in India during the past few years, and it would appear that the slow, but steady progress in mantle production would offer opportunities for the expansion in sales of American thorium nitrate. Further information supplied by the American Consulate, Bombay, is available in the Chemical Division, Bureau of Foreign and Domestic Commerce, Washington, D. C.

Tin Salts.—Prices were firmer. The firmer tone could be traced to an improved position of the basic metal. The world's visible supply of tin declined 329 tons in November to 19,129 tons, Commodity Exchange reported. Straits tin shipments for the month were 6,062 tons as against 8,198 tons in October and 9,896 tons in November of last year. The carryover in the Straits Settlements was 3,676 tons, an increase of 1,354 tons, while the carryover at Arnhem, Holland, was 1,584 tons, an increase of 499 tons. The carryover in the Straits Settlements increased so much, it was pointed out in the trade here, because one of the ships didn't clear the docks in the Far East when expected, but it is probable that by now this cargo is afloat and en route to destination. But for this delay Straits shipments would have been 1,000 to 1,500 tons larger, but the figures will be reflected in the December statistics.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Acids

The market was featured by continuance of the list price for acetic acid, despite the decline in lime acetate. Demand for sulphuric acid held up fairly well, but it was quite evident that consumers were covering for immediate production requirements only. There was little to report in formic acid; routine consumers were covering when needs became urgent. Prices ruled firm. Boric acid demand was fair, and substantial progress has been noted in booking 1938 business. Oxalic acid also displayed a firm tone. Muriatic acid recorded a fair amount of buying.

Acetic.—The list prices for acetic acid remain unchanged. Producers were continuing their drive for 1938 contracts.

Battery.—Business continued at a fair pace throughout the week. Prices were well held.

Boric.—Producers continued their drive for 1938 contracts. A firm tone ruled the market.

Chromic.—Shipments were moving against contracts at a fair pace. No change was disclosed in quotations.

Formic.—Usual consumers supplied a fair demand. Prices were steady to firm at previous levels.

Lactic.—This market presented little variation from recent weeks, in that demand was irregular and prices were firm at previous levels.

Muriatic.—Producers continued to center their interest on writing 1938 contracts, prices displayed a firm tone.

Nitric.—This market continued to experience a fair demand, prices were firm at previous levels.

Oxalic.—Usual consumers withdrew a fair amount of supplies, and sellers continued their drive for 1938 contracts, prices of which are a duplication of 1937 prices.

Sulphuric.—A fair demand was reported for this product at times during the week, but sellers were interested mainly in writing 1938 contracts, and reports indicated that a good volume of business has already been booked for delivery over the next year. Steel operations were lower.

BALTIMORE, Dec. 1.—Despite the narrowing in the inquiry for sulphuric acid the market continues to show decided firmness, a state of affairs which is likely to continue at least until some of the more important contracts for delivery over the ensuing twelve months have been placed and a definite line on the trend has been obtained. Large users of acid generally enter into arrangements for supplies about this time of the year, and this gives direction to the industry. For the present the nominal quotations stand at 12c. per ton for 60 degree, and at $15 per ton for 66 degree acid. Whether these figures will be modified later on with a possible slowing up in the inquiry remains to be seen. Much speculation is indulged in as to the requirements of the fertilizer industry and as well regarding the needs of steel makers and other users of acid, which have been cut down more or less. In the face of this situation the available stocks of acid appear to be firmly held and so far no important excess has developed. Conditions as to oleum are also unchanged, with the current figure at $17 per ton for 20 percent stocks. The increased cost of materials and of operation will naturally figure in the situation.

Insecticides

Demand for agricultural insecticides and fungicides continued quiet. Prices ruled firm. A presidential decree regulates the manufacture and sale in Uruguay of insecticides and fungicides. No manufacturer, importer or agent may sell or expose for sale such merchandise without first registering and obtaining a permit. If the insecticides or fungicides are imported, solicitation for registry and permit must be accompanied by a sample extracted by the Sanitary Inspector of the Port of Montevideo and the solicitant, by an indication of the chemical composition, by instructions for the use of the insecticide or fungicide, by commercial mark and statement of country of origin. Insecticides or fungicides exposed for sale must bear the name or trademark of the manufacturer, declaration or chemical content, net weight, symbol exacted by the Council of Public Health, if the contents are poisonous to human life, and label of country of origin, if imported or the word "fabricacion Uruguaya," if manufactured within the country. False or exaggerated statements in labels regarding the efficacy of the preparation are prohibited. Containers must be of a nature to prevent loss or decrease of efficacy of contents. A fee of 25 pesos must be paid when solicitation for registry is presented, and will not be refunded if the solicitation is denied. Violation of any of the 20 regulations is punishable by cancellation of permit, according to the American Consulate at Montevideo.

Calcium Arsenate. — Demand was quiet throughout the week. Prices were well held.

Paradichlorobenzene. — Sellers continued their drive for 1938 contracts, prices for which represent a decline from the 1937 level.

Zinc Arsenite.—Prices were listed at 13c. to 13½c. per pound. Demand was spotty.

St. Regis Multi-Wall Protection

AN INVITATION

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Also on exhibit will be the latest types of Multi-Wall Bag constructions, including those recently perfected for hygroscopic and deliquescent chemicals.

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Phosphoric Acids
(Food Grade, Technical, Commercial)
Calcium Phosphates
Sodium Phosphates
Special Phosphate Salts and Compounds

VIRGINIA-CAROLINA CHEMICAL CORPORATION
Phosphate Products Division
RICHMOND VIRGINIA
Also Distributors of Heavy Chemicals in the South Atlantic Area

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Imported CRYOLITE 98/100% Snow White
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for Standard Solutions
At leading Laboratory Supply Houses
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EMPIRE STATE BUILDING, NEW YORK

General Electric Opens New Plastics Factory

Devoted entirely to the research, development, design, and manufacture of molded plastics products, a new molding plant has been opened by the plastics department of the General Electric Company at 1 Plastics avenue, Pittsfield, Mass.

Representing an investment of approximately $1,000,000, the new plant is the scene of the major part of the company's plastics activities. At present about 900 persons are employed at the plant, and 36 trained engineers keep abreast of research and manufacturing problems. There are 324 presses set up in the plant, said to be the largest number of presses operated by any single molder in the country. The equipment is extremely flexible, it being possible to give a range of from 7½ tons to 1,500 tons molding pressure in this group of machines.

With additional plants at Lynn, Mass.; Meriden, Conn., and Fort Wayne, Ind., the total number of General Electric employees engaged in plastics is well over 1,600. The company started the manufacture of plastics more than 40 years ago, and with the tremendous increase recently in the use of plastics parts, the company's business in this field has increased proportionately and trebled within the last five years.

Chemical Salesmen Nominate Officers

At a meeting held November 30 the nominating committee of the Salesmen's Association of the American Chemical Industry prepared the following slate for the voting by mail for officers and executive committeemen for the coming year:—

President, Charles E. Kelly, of Hagerty Brothers & Co.

Vice-president, Joseph M. Wafer, of the Industrial Chemical Sales Division, West Virginia Pulp & Paper Company.

Treasurer, De Witt Thompson, of Mathieson Alkali Works.

Secretary, Ray H. Giebel, of the Harshaw Chemical Company.

Members of executive committee, Francis J. McDonough, of New York Quinine & Chemical Works, and Elmer H. Hessler, of G. S. Stoddard & Co.

Chemical Uses Tabulated in Mathieson Alkali Booklet

An informative chart of industrial applications of chemicals of the various kinds that it manufactures is contained in a booklet, "Mathieson Chemicals," newly published by Mathieson Alkali Works, 60 East Forty-second street, this city. This tabulation shows the uses of seventeen Mathieson chemicals in eighty-one different industries, ranging in fields from aluminum to wood and in processes from poultry sanitation to rayon manufacture.

The booklet contains also many useful descriptive data on the various Mathieson products, presented in an interesting manner, with good printing and complementary illustrations. Another useful feature for chemical buyers is information on package specifications on a wide variety of products.

A brief historical sketch of the Mathieson company from its modest beginnings in 1895 is included in the booklet. Flow charts outline the processing operations at the company's different plants.

Copies of the booklet may be obtained by writing on a business letterhead to the Mathieson company.

Dr. Sherman Gets Award for Aid to Science of Nutrition

Dr. Henry C. Sherman, Mitchell Professor of Chemistry at Columbia University, has been given the 1937 award of the Associated Grocery Manufacturers of America. Paul S. Willis, president of the organization, said the award was in recognition of Dr. Sherman's "outstanding contribution to the science of nutrition and his leadership in education of the public concerning the correct use of food to secure health and the general welfare."

Patino Mines Cuts Capitalization

Stockholders of the Patino Mines & Enterprises Consolidated have voted to reduce the capitalization $16,570,180, to $13,893,160, through reduction in the stated value of the capital stock to $10 per share from $20 per share. Stockholders also authorized an increase in the total capital stock to 2,500,000 shares from 1,380,316 now issued, at the discretion of the directors.

United Verde Extension Dissolution Is Approved

Stockholders of the United Verde Extension Mining Company, at a special meeting, approved the plan of dissolution and complete liquidation of the company. A liquidation dividend of $2 was declared payable December 20 to stockholders of record December 6. This represents the first and largest liquidation payment in a series of distributions to be made in the dissolution of the company.

Callahan Zinc to Offer Stock

Callahan Zinc Lead Company has filed a registration statement with the Securities and Exchange Commission covering 498,413 shares of $1 par value common stock which will be offered to common stockholders at $2 per share. The new stock will be offered to holders of record December 25, exercisable before January 13. Goldfield Consolidated Mines, Ltd., has an option to purchase 200,000 shares of the unsubscribed balance at $2 per share and any remainder at $3 per share.

Encol Company Officers Dine

Officers of the Encol Dye & Chemical Company, Brooklyn, N. Y., celebrated the launching of the new company with a dinner at the Hotel Lexington, November 29. The officers are:—President, William E. Austin; vice-president, John T. Enequist, who is also president of the Enequist Chemical Company; treasurer, Louis H. Cates, and secretary, Nelson E. Myers.

Process Piping Installations

The management and organization of process piping installations is comprehensively treated in the leading article in the December issue of *Oxy-Acetylene Tips*, publication of the Linde Air Products Company, this city. The article explains how an efficient flow of information and materials simplifies production and reduces costs.

Salt Freight Rates Raised

The New York Public Service Commission has approved new commodity freight rates as follows:—

Of the Erie railroad, on salt, rock salt, and salt compounds; carload; from Retsof, Silver Springs, and Watkins Glen, to points in official territory; all rates increased 2 cents per hundredweight or 40 cents per net ton; effective December 20.

Lustre Chemical Company and the Hartman Dried Fruit Company plants, Rochester, N. Y., were destroyed by fire November 3, with a loss estimated at $125,000.

North Leaves Tariff Post to Join Little

(Continued from page 4)

competition, transportation and marketing, monopolies, and tariff considerations.

Mr. North is a native of Brookline, Mass., a son of the late Dr. S. N. D. North, who was Director of the Census in the administration of President Theodore Roosevelt and from 1890 to 1903 was secretary of the National Association of Wool Manufacturers. Mr. North got his B. S. degree from Hamilton College in 1913 and continued postgraduate work at Massachusetts Institute of Technology until 1916. He became a member of the United States Tariff Commission staff in 1921 as a special expert. He became chief of the chemical division in February, 1931.

Translations in the chemical and related fields are now offered by a newly organized department of the Exporters & Manufacturers' Translation Bureau, 11 West Forty-second street, this city. The department, the bureau says, is manned by a corps of trained translators familiar with the terminology of the chemical and related industries.

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BENZOL

Greater uniformity of finished product is the result of using light oil distillates made always to your *exact* specifications. You get this important advantage when you specify and use J&L Benzol and other J&L Light Oil Distillates in your formulae.

We will welcome the opportunity of furnishing a sample of the kind of benzol you need . . . made to your individual specifications.

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Pure Benzol • 90% Benzol • *CXP Benzol • **Reagent Benzol
Pure Toluol • Xylols (Solvent Naphthas)
Sulphate of Ammonia

*CXP Benzol is a super-refined grade with the following critical properties:
Freezing Point 5.40°C Boiling Range 0.6°C
Bromine Index 3

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Freezing Point 5.50°C Boiling Range 0.4°C (97% Within 0.1°C)
Bromine Index 0

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The removable Toggle-tite top and the outward curl of the top edge enable easy, quick and complete cleaning. The cold drawing process greatly strengthens the bilged sides for the prevention of denting and other damage, without increasing the weight.

Safe, economical Hackney containers, for handling and shipping the products of all branches of the food industry, have been developed by years of experience, careful selection and inspection of raw materials, and scientific design and construction. Let a Hackney engineer help you solve *your* container problem. There is no obligation. Write today.

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Containers for Gases, Liquids and Solids

Coaltar Chemicals

General Demand Lacks Improvement—Dinitrochlorobenzene Lower Other Intermediates Unchanged—Benzol Holds Firm—Cresylic Acid Quiet—October By-Product Output Lower

Business in the market for coaltar chemicals continued quiet during the week just closed. The trade was awaiting issuance of domestic cresylic acid 1938 prices, as well as contract schedules for creosote oil and tar acid oils. Prices for intermediates have been renewed for 1938, excepting for dinitrochlorobenzene, a slight reduction having been effected in that schedule for next year.

Withdrawals by manufacturing consumers on all sides of the market indicated that consumers were not ordering beyond actual production requirements. This situation could be attributed to the curtailment taking place in the rubber, steel, automobile and other basic industries. Substantial progress, however, was reported in booking business for delivery over the first six months of 1938 on benzol, toluol, xylol and solvent naphtha.

Coke production in the United States declined again in October, to the lowest level since September, 1936. The October daily average output of 138,922 tons, from byproduct and beehive coke plants, was 11.7 percent below that of September and 0.6 percent lower than the rate prevailing in October a year ago. Output of byproduct coke for the 31 days of October amounted to 4,036,046 tons, or 130,195 tons per day, a decrease of 11.8 percent in comparison with the September rate of 147,546 tons. Continued recession of activities at blast furnaces affected the output of coke furnace plants, where the daily rate dropped 15.5 percent. At merchant plants a loss of only 0.4 percent was reported. One plant, in continuous operation since 1914, began the permanent dismantling of its ovens. The number of plants producing coke during October was 84, of which 80 made ammonia and 56 made benzol. Prices of coke were substantially the same as in September, there being a small reduction for Connellsville furnace coke and a small increase for Birmingham foundry coke. Production of beehive coke also dropped sharply, from 253,500 tons in September to 226,900 tons in October, a loss of 10.5 percent. All of the decreases occurred in Pennsylvania. Stocks of coke at byproduct plants have risen steadily for seven months, the total on hand October 31, amounting to 2,345,745 tons, being 2.1 percent higher than those of the month before. The bulk of the increase was at furnace plants.

October tar production amounted to 50,703,312 gallons, compared with 55,681,106 gallons in September and 51,195,106 gallons in October a year ago. Total to the end of October was 547,678,966 gallons, against 454,874,054 gallons in the same period a year ago. Light oil output in October was 16,653,764 gallons, against 18,287,875 gallons in September and 16,811,361 gallons in October a year ago. Total until the end of October was 179,552,572 gallons, against 149,366,099 gallons in the same period a year ago. Ammonia production in October totaled 62,806 tons, against 68,990 tons in September and 63,122 tons in October a year ago. Total for the first ten months was 683,466 tons, against 563,533 tons in the corresponding period a year ago.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Dinitrochlorobenzene, 2c. per lb.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.3	127.3	127.3	126.1

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—A fair demand was reported for this product during the week just ended. Manufacturing consumers continued to order out supplies for actual production requirements only. The course of operation in the steel districts suggests the possibility that the decline in steel ingot production has been checked at approximately this week's estimated rate of 30 percent, according to Iron Age. The same source further stated that of more immediate promise than the Government's housing program is the prospect of large-scale railroad buying, provided freight rate increases are permitted by the Interstate Commerce Commission. The automobile industry was said to be purchasing steel tonnage in a rather conservative manner. Benzol production was 9,610,000 gallons in October, against 10,765,000 gallons in September, and 9,729,000 gallons in October a year ago. Total to the end of October amounted to 103,202,000 gallons, against 86,077,000 gallons in the same period a year ago.

Cresol.—A firm tone prevailed in this market again last week, shipments were moving for the account of the disinfectant manufacturers at a favorable pace. Prices ruled unchanged.

Creosote Oil.—There was little to report in this market again last week, the call from the public utility companies and major railroad systems indicated that consumers were covering for immediate production needs only. No change was disclosed in quotations. The trade was awaiting issuance of 1938 contract prices.

Cresylic Acid.—This market revealed little variation from recent weeks, as far as domestic supplies were concerned, the trade being inclined to await 1938 price schedules before ordering out broadly.

Naphthalene.—Although the market was a rather drab affair again last week, with buyers awaiting further developments before discussing 1938 shipments, prices were about the same as noted in the previous period for the crude material. Demand for refined material continued irregular. No change was noted in quotations, sellers having booked considerable business for delivery in 1938.

Phenol.—A good demand was reported in this market at times during the week, the call coming from routine sources. Prices held firm at the levels in effect previously.

Solvent Naphtha.—A firm tone prevailed in this direction again last week, sellers reporting a good portion of contracts have been renewed for 1938. Demand for high flash naphtha continued fair. Prices were firm.

Toluol.—This market revealed little change during the week, sellers were holding firmly to prices; in fact, substantial contracts writing has been noted for early 1938 business. Reports from the automobile industry were to the effect that some improvement was expected during the current months.

Xylol. — Demand continued along conservative lines. Prices ruled at the level in effect previously, and the focal point of activity was contract writing for delivery over the first six months of 1938.

Chicago Coaltar Bases

CHICAGO, Dec. 3.—Prolonged recession in rate of steel mill operations has injected considerable strength into the market for at least certain grades of coaltar bases, due to the resultant decrease of supply. Benzol, even though purchases of motor grade for blending have been limited, is strong. Other materials are in good tone. Ruling prices exclusive of tax are: Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic. — Demand was irregular during the week. Prices remained firm.

Benzoic.—There was little to report in this market again last week, usual consumers were covering when needs

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

were urgent, and prices were without change.

Cleve's. — This market presented little change during the week, demand was dull and prices were firm. Sellers were booking business for 1938 at unchanged levels.

Salicylic. — A firm tone continued in prominence in this market throughout the week, usual consumers supplied the call, and prices were without change.

Sulphanilic. — The call indicated that purchases were for actual production needs only. Prices were well maintained.

Tobias. — Nothing of an important nature was uncovered here, demand was quiet and prices were steady to firm, sellers booking business at the same levels for delivery in 1938.

Other Intermediates

Alphanaphthol. — Demand was quiet again last week. Prices have been renewed for 1938.

Aniiin Oil. — Shipments were moving out in moderate volume, quotations were well held. Sellers were writing business for 1938 at current levels.

Benzidin Base.—Although the market was a rather drab affair again last week, quotations were well maintained. Sellers were writing 1938 business at current levels.

Betanaphthol. — While the market showed a tendency to slacken, from a demand standpoint, sellers reported the presence of a firm tone. Quotations have been renewed for 1938.

Dinitrochlorobenzene. — Prices have been reduced 2c. per pound, the new schedule calling for 14c. per pound. The new schedule applies to 1938 business.

Dinitrotoluene. — Prices have been renewed for 1938. Demand was rather quiet.

Nitrobenzene. — Demand was highly irregular during the week, the call being confined to moderate quantities. Prices were firm; in fact, quotations have been extended to cover 1938 businesses.

Paratoluidin.—No change is noted in prices for 1938, sellers were writing contracts for next year at current price levels. Demand continued quiet.

Phthalic Anhydride. — This market was much the same as in the preceding period, the center of activity being solicitation of 1938 contracts, prices represent an extension of current levels.

Schaeffer's Salt. — Prices have been duplicated for 1938. Demand continued spotty.

S.O.C.M.A.Meets Dec.16

The Synthetic Organic Chemical Manufacturers Association will hold its annual meeting December 16, in the Chemists' Club, this city. The business session will be opened at noon. The customary luncheon will follow, after which there will be an election for officers and a special program.

Coaltar Colors

Business in the market for coaltar colors continued quiet throughout the week just closed. Manufacturing consumers on all sides were withdrawing supplies for immediate production requirements only. Prices held steady to firm. Reports from the various textile divisions indicated curtailed operating schedules were in force. During the third quarter of 1937 Switzerland's exports of coaltar dyes registered a quantity decline compared with shipments during the corresponding quarter of 1936. Exports of indigo and indigo solution during the quarter under review amounted to 246 metric tons, valued at 658,519 Swiss francs as against 332 tons, value 537,283 Swiss francs in the corresponding quarter of 1936. Switzerland's exports of indigo and indigo solution during the third quarter of 1936 and 1937 were purchased chiefly by China which, in 1936, consumed 281 metric tons valued at 406,344 francs, and in 1937 purchased 209 tons valued at 434,945 francs. Exports of Swiss dyes characterized as "aniline, anthracene, naphthalene and other coaltar dyes n.s.p.f. amounted in the third quarter of 1937 to 1,596 metric tons valued at 20,709,244 Swiss francs compared with 1,876, value 18,334,195 francs in the corresponding quarter of 1936.

Synthetic organic chemical manufacturers in Italy and Japan have been listed by the Bureau of Foreign and Domestic Commerce. Copies of the two lists may be obtained at 10 cents each from the chemical division of the bureau, Washington.

Patman and Colmer Sales Bills Argued

(Continued from page 3)

culties and might seriously disorganize interstate trade, at the same time bringing in small additional revenue to the States. The department views the Patman bill with skepticism, since competition comes to small retailers not only from manufacturers but also from many other sources, while the bill might add nothing to the present antitrust laws because of the necessity of proving injury to competition.

Rowland Jones, jr., Washington representative of the National Association of Retail Druggists, supported the Colmer bill as a means of protecting retailers against unfair competition by mail-order houses, which, he said, are subsidized to the extent of State retail sales taxes and also by the low cost of parcel post.

Representative Patman, testifying in behalf of his own bill, said that monopolistic tendencies were fostered by manufacturers' entering the retail field and taking a lower margin on retail sales. He explained that this lower margin was compensated for by the money made in manufacture. The bill would prevent manufacturers from entering the retail business if by so doing a substantial lessening of competition was effected. The Federal Trade Commission would determine whether or not there was any substantial lessening of competition.

Questioned by Representative Charles Wolverton of New Jersey Representative Patman made a tacit admission that the Federal Trade Commission has the power to prevent such lessening of competition under existing statutes. He stressed the fact, however, that enactment of this measure would be an unmistakable signpost or mandate as to how strict the commission should be in cases of manufacturers' lessening competition by entering the retail field.

The Patman bill was supported by Paul E. Hadlick, secretary of the National Oil Marketers Association, as a step toward disintegrating the major oil companies. He stated that, while most oil companies have leased their retail filling stations, they still compete with jobbers, some of whom are their own customers, in the fuel oil business and in selling petroleum products to farmers.

American Cyanamid Issues Paint and Textile Folders

The American Cyanamid & Chemical Corporation has just issued two new folders on the company's articles for the paint, varnish, enamel, and lacquer industry, and for the textile industry. The first covers synthetic resins, natural resins, nitrocellulose, plasticizers, ethyl lactate, driers, metallic soaps, pigments, and waxes. The latter folder is not only a list of the chemicals and raw materials manufactured and sold by the company to the textile industry, but in addition, includes a partial list of specialties produced for the textile industry's use, such as sulphonated oils, penetrants, softeners, sizing compounds, wetting agents, and others.

McL.G.K. Engages Klock

Franklin Y. Klock, formerly secretary and general manager of the Murray & Nickell Manufacturing Company, Chicago, has joined the sales force of the McLaughlin Gormley King Company, Minneapolis. Mr. Klock, who is well known to the insecticide industry, will have his headquarters in Chicago.

Milton F. Roble, 89 Broad street, Boston, Mass., has just been appointed agent for "Durez" resins in the Boston area, according to word just received from General Plastics, Inc., North Tonawanda, N. Y.

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Color Designations for Drugs Aim of A.Ph.A.

The development of a simple, usable, and scientific system of designating the colors of drugs and pharmaceuticals is the object of research now being carried on at the Bureau of Standards of the Department of Commerce. The plan, which is being sponsored by the American Pharmaceutical Association, involves 320 related color names.

The actual comparison work is being carried out in the colorimetry section of the bureau. The system of color names has been put through many revisions. The name boundaries, now expressed in terms of the samples in the Munsell Book of Color as a working basis, will eventually be expressed in fundamental terms.

A National Formulary revision color committee of pharmacognocists was set up at the New York meeting in August to study these names and to report on their practicability for use in the National Formulary. Methods have been developed for determining color names for crude drugs and for drugs and chemicals in powdered form. A summary of the work on powdered drugs has been prepared giving the comparison between the color names used in the National Formulary and the proposed names.

The ultimate object of the work is to make available a system of color names having legal and scientific standing and, at the same time, a system which will accord insofar as possible with present usage.

Dr. Davisson Shares $40,000 Nobel Award

Dr. Clinton J. Davisson, physicist on the staff of the Bell Telephone Laboratories, this city, and Professor George P. Thomson, of London, shared a prize of approximately $40,000 for their research in electronic interference, in the Nobel Prize awards announced in Stockholm, last month. Dr. Davisson and Professor Thomson have been working in the field of sub-atomic physics, studying the properties of the fundamental building blocks out of which the universe is constructed. The outstanding accomplishment of Dr. Davisson has been the experimental demonstration that electrons act as if they were packets of waves. The National Academy of Sciences in 1928 awarded Dr. Davisson the Comstock prize "for most important research in electricity, magnetism and radiant energy made in North America during the last five years."

Professors Walter N. Haworth, Birmingham, England, and Paul Karrer, Zurich, Switzerland, divided the chemistry prize of the same amount for studies of carbohydrates and vitamins.

Alfred B. Nobel, Swedish scientist and inventor of dynamite, who died in 1896, left $9,000,000, interest on it to be distributed annually in four awards to those considered to have contributed most to the benefit of mankind during the preceding year. The prizes are for literature, physics, chemistry, medicine or physiology, and contributions to the cause of peace.

Drug Store Chain Sales For October Show Gains

Average daily sales of chain drug stores in October, 1937, were 0.1 percent higher than in October, 1936, according to preliminary estimates of the Bureau of Foreign and Domestic Commerce issued in a monthly series. The greatest gain was shown by tobacco sales, which were 2.8 percent higher than for October, 1936, followed by fountain sales with a 0.5 percent increase, while all other sales decreased 1.6 percent.

Without adjustment for seasonal variation October, 1937, sales were up 0.3 percent from September, 1937. Tobacco sales showed an increase of 1.2 percent; fountain sales decreased 8.2 percent, and all other sales increased 4.2 percent.

Of the geographic regions, the East South Central states, with a 9.0 percent increase, showed the greatest improvement from October, 1936, followed by the West North Central states with an increase of 5.3 percent. Sales in the New England states declined 2.8 percent.

Australia Enacts Drug Law

A therapeutic substances law has been approved in Australia, which provides primarily, according to information received by the Department of Commerce from the trade commissioner at Sydney, that no person shall import therapeutic substances unless he is licensed to do so and unless the substance (a) has been manufactured by an approved overseas manufacturer; (b) bears a label on which are set forth the name and address of that manufacturer and such other particulars as are prescribed; and (c) conforms to the prescribed standards for that substance. The act is designed to bring Australia into line with other countries which have adopted the international standards for therapeutic substances as laid down by the special committee appointed by the League of Nations. Exports, as well as imports, are subject to control under the act, but actual manufacture in Australia is a matter which will have to be dealt with by the respective States, the Commonwealth government lacking jurisdiction. Products manufactured under official supervision in the United States will be recognized on arrival in Australia.

Guatemala Asks Samples' Origin

Guatemala has issued a customs order (circular 363), dated October 23, which, according to information received by the Department of Commerce from the commercial attache at Guatemala, requires that samples having a commercial value, whether or not more than 50 quetzales, when not re-exported, must be provided with a certificate of origin or else become subject to a surcharge of 100 percent of the duty, beginning January 1. No fine will be assessed for failure to present a certified commercial invoice.

Certain-teed Advances Roos to Vice-President

Walter G. Baumhogger, president of the Certain-teed Products Corporation, manufacturer of roofing and building materials, this city, has announced the appointment of Edwin G. Roos as vice-president in charge of sales, and George P. Krug as controller. Mr. Roos started as a trucker nineteen years ago in what is now the East St. Louis plant of the corporation, and soon afterward was transferred to the sales division. In 1936 he was named general sales manager. Mr. Krug joined the predecessor company of the corporation twenty-eight years ago and in 1923 was appointed general auditor.

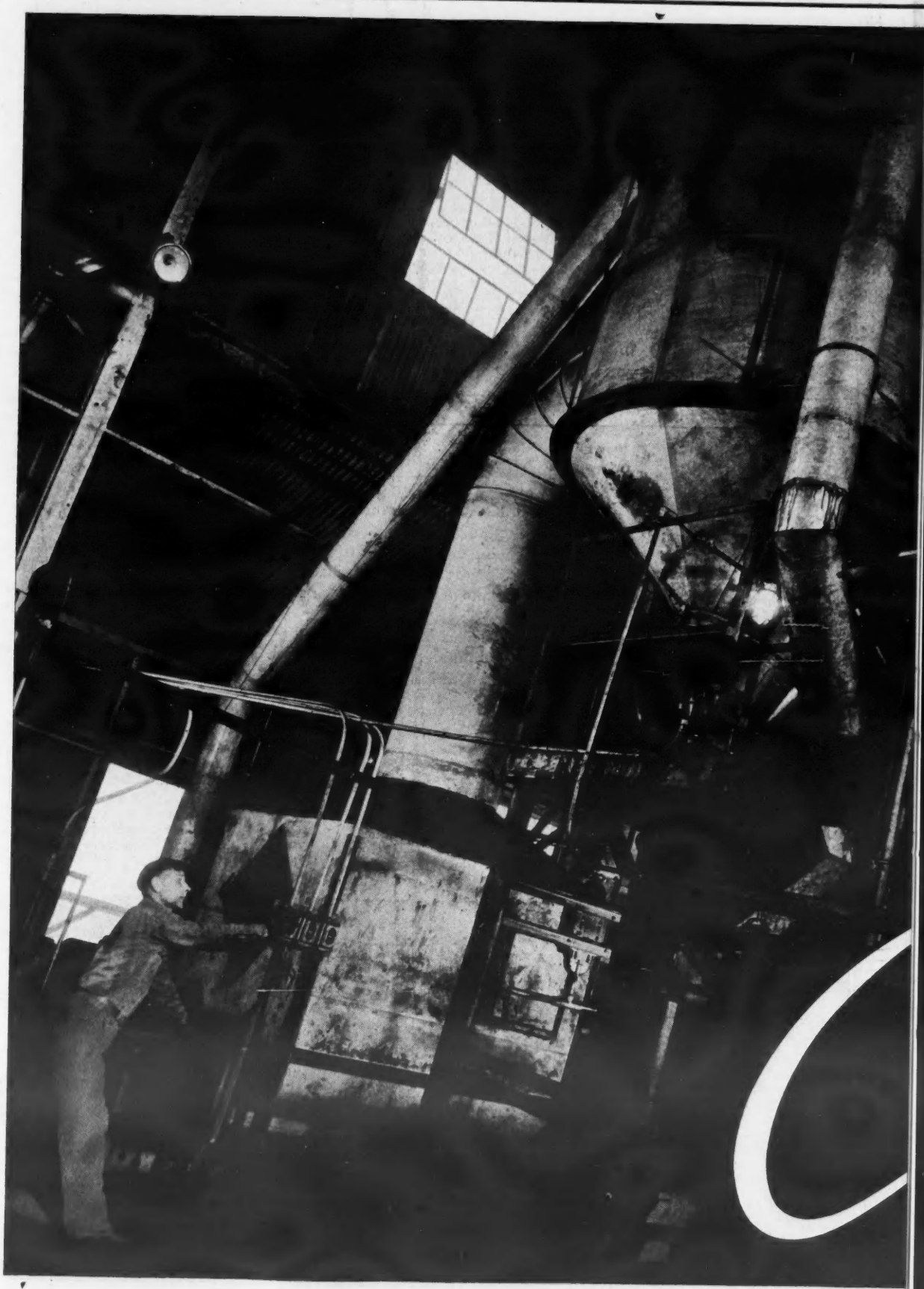
P.A. Scientific Section Will Meet December 8

The midyear meeting of the scientific section of the Proprietary Association will be held in the Hotel Biltmore, this city, December 8. Dr. George F. Reddish, chairman of the section, will preside.

The section is composed of scientists engaged in laboratory control and clinical research within the packaged medicine industry. Members of the executive committee are Dr. E. C. Merrill, of the United Drug Company, Boston; Dr. S. T. Helms, of the Emerson Drug Company, Baltimore; Dr. Thomas Lewis, of S. B. Penick & Co., New York; J. P. Snyder, of the Norwich Pharmacal Company, Norwich, N. Y.; John R. McClelland, of the Kolynos Company, New Haven; and Dr. Frederick J. Cullen, secretary.

Verde Quicksilver Moves

The Verde Quicksilver Sales Company, this city, has moved to new quarters at 14 Wall street. Its telephone number remains Worth 2-0854.



A.Ph.A. Elects Lascoff

The board of canvassers of the American Pharmaceutical Association has announced the results of the ballotting by mail for officers of the association for the year 1938-39. The officers elected, who will be installed at the 1938 meeting in Minneapolis, are:—

President, J. Leon Lascoff, New York.

First vice-president, A. O. Mickelsen, Portland, Ore.

Second vice-president, George A. Moulton, Peterborough, N. H.

Members of council, Roy B. Cook, Charleston, W. Va.; Glenn L. Jenkins, Minneapolis; R. L. Swain, Baltimore.

Pinaud Brings Two Suits Under N.J. Fair Trade Act

Suits to restrain alleged violations of its price maintenance contracts under the New Jersey fair trade act have been instituted by Pinaud, Inc., perfumer, this city, against the Wolf Drug Company and the Charmley Drug Shop, both of Newark. The complainant's counsel has said that only consent to permanent injunctions against cutting the price of Pinaud articles would be accepted as a settlement of these actions.

Dividends Reported Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
Aluminum Co. of America	Pfd.	Q.	$1.50	Jan. 3	Dec. 20
Aluminum Co. of America	Pfd.	..	$2.25	Dec. 20	Dec. 8
American Potash & Chemical Co.	Com.	..	$2.00	Dec. 10	Dec. 3
American Smelting & Refining Co.	Com.	Spl.	$1.00	Dec. 22	Dec. 1
American Smelting & Refining Co.	Pfd.	Q.	$1.75	Dec. 21	Dec. 1
Anaconda Copper Mining Co.	.....	..	50c.	Dec. 20	Dec. 2
Anchor Cap Corp.	Com.	..	15c.	Dec. 20	Nov. 30
Anchor Cap Corp.	Com.	Spl.	30c.	Dec. 20	Nov. 30
Atlantic Refining Co.	Pfd.	Q.	$1.00	Feb. 1	Jan. 5
Basic Dolomite, Inc.	Com.	Q.	20c.	Dec. 15	Dec. 1
Basic Dolomite, Inc.	Com.	Ext.	5c.	Dec. 15	Dec. 1
Buckeye Pipe Line Co.	.....	..	75c.	Dec. 15	Nov. 26
California Ink Co.	.....	Q.	62½c.	Dec. 20	Dec. 10
Chile Copper Co.	.....	..	$1.00	Dec. 15	Dec. 6
Colgate-Palmolive-Peet Co.	Com.	Q.	12½c.	Dec. 24	Dec. 6
Columbia Oil & Gasoline Corp.	Com.	..	40c.	Dec. 18	Dec. 3
Columbia Oil & Gasoline Corp.	Part	..	40c.	Dec. 18	Dec. 3
Compressed Industrial Gases	.....	Q.	50c.	Dec. 15	Nov. 30
Congoleum-Nairn, Inc.	Com.	Q.	50c.	Dec. 15	Dec. 1
Creole Petroleum Corp.	.....	S.	25c.	Dec. 15	Nov. 30
Creole Petroleum Corp.	.....	Ext.	25c.	Dec. 15	Nov. 30
Crown Cork & Seal Co.	Pfd.	Q.	56¼c.	Dec. 15	Nov. 30
Cuban-American Manganese Corp.	A pfd.	..	20c.	Dec. 20	Dec. 10
Devonian Oil Co.	Com.	Q.	25c.	Dec. 15	Nov. 30
Dewey & Almy Chemical Co.	Pfd.	Q.	$1.75	Dec. 15	Dec. 10
Dewey & Almy Chemical Co.	B pfd.	Q.	$1.75	Dec. 15	Dec. 10
Dolphin Paint & Varnish Co.	Cl. A	..	50c.	Dec. 15	Dec. 1
Eagle-Picher Lead Co.	Com.	..	10c.	Dec. 20	Dec. 8
Eastman Kodak Co.	Pfd.	Q.	$1.50	Jan. 3	Dec. 4
Falconbridge Nickel Mines	.....	Q.	7½c.	Dec. 30	Dec. 8
Foha Oil Co.	Com.	..	15c.	Dec. 15	Dec. 1
General American Transportation Co.	Com.	..	$2.00	Dec. 20	Dec. 2
Great Western Electrochemical Co.	Com.	..	$1.50	Dec. 15	Dec. 4
Greene Cananea Copper Co.	.....	Q.	75c.	Dec. 13	Dec. 6
Greene Cananea Copper Co.	.....	Ext.	25c.	Dec. 13	Dec. 6
Group No. 1 Oil Corp.	.....	..	$100.00	Jan. 3	Dec. 10
Group No. 2 Oil Corp.	.....	..	5c.	Dec. 23	Dec. 3
Indian Refining Co.	Pfd.	..	$7.00	Dec. 1	.....

Obituaries

A. D. Armstrong

Arthur David Armstrong, secretary of Fritzsche Brothers, Inc., essential oils and aromatic chemicals, this city, died unexpectedly November 28 in his home in Westfield, N. J. He was fifty-four years old.

Mr. Armstrong was born in Andes, N. Y., November 12, 1883, the son of David Archibald and Julia (Reagan) Armstrong. Upon completion of his public schooling he entered Delhi Academy in 1898 and was graduated in 1902. He matriculated in Syracuse University in 1905 and received the degree of bachelor of science there in 1909. In that same year he went with the Heffron Company, Syracuse, as perfumer, chemist, and buyer. Three years later he became perfumer and factory manager for the Loveland Company, Binghamton, and June 1, 1913, he went with Fritzsche Brothers as a salesman. Shortly thereafter he was appointed first resident manager of the company's Philadelphia office, and early in 1917 he was transferred to the home office as sales manager. He was appointed assistant secretary in 1919 and became secretary July 1, 1926.

A. D. Armstrong

Mr. Armstrong was long prominent in the activities of the Essential Oil Dealers Association of the United States; he served as its secretary-treasurer, and was elected to the presidency in 1936. He was active also in the American Drug Manufacturers Association, the Drug, Chemical and Allied Trades Section of the New York Board of Trade, and other trade organizations. He was a member of the Presbyterian Church, the Drug and Chemical, Fraternity, and Locust Grove Golf clubs, and Alpha Chi Ro and Chi Phi fraternities. He was an able fly-fisherman and golfer; played handball; experimented in perfume blending, and wrote short stories.

His survivors are his wife, who was Nellie D. Boden, and a son, Robert Sears Armstrong.

Leslie A. Biddle

Leslie A. Biddle, Cleveland district manager for Benjamin Moore & Co., paint manufacturer, and a member of the executive board of the Cleveland Paint, Varnish and Lacquer Association, died in his home in Cleveland Heights, November 30. He was fifty years old. Mr. Biddle was born in Cleveland. He started to work for the Canfield Oil Company, as a salesman, in 1909. In 1916 he joined the Benjamin Moore organization, as sales manager, and became district sales manager in 1924. He was a member of the Hermit, Mankiki, Gyro, and Mayfield clubs. Surviving are his wife, Mrs. Helen S. Biddle; a daughter, Elizabeth; a sister, Mrs. Carl Englebry, and a brother, N. H. Biddle.

Dr. R. N. Brackett

Dr. R. N. Brackett, professor of chemistry at Clemson College, Clemson, S. C., and South Carolina State Chemist, died November 27. He was seventy-four years old.

Dr. Brackett was connected with the Clemson faculty from 1891, two years before the college was opened to the public, and retired from many of his

(Continued on page 44)

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QUALITY ONLY

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What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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Leather

Tanning Assists Used in Making Leather

(Continued from November 29 issue)

Aluminum sulphate with—
(1) Gluconic acid
(2) Sodium citrate
(3) Sodium formate
(4) Sodium lactate
(5) Sodium tartrate
(6) Sodium-potassium acetotartrate
Aluminum-ammonium sulphate
Aluminum-potassium sulphate
Aluminum-sodium sulphate
Ammonia alum
Ammonium chloride
Ammonium salts of—
(1) Betacresoxylalphaoleylhydroxypropanesulphonic acid
(2) Oleylaminoethanesulphonic acid
(3) Oleylmethylaminoethanesulphonic acid
(4) Palmitylhydroxyethanesulphonic acid
Betacresoxylalphaoleylhydroxypropanesulphonic acid
Betahexahydrophenylethylisobutylcarbinol
Betaphenylethylisobutylcarbinol
Bisulphites
Borax
Boric acid
Butyric acid
Calcium hydroxide
Casco-tan
Cedar oil
Cetyltrimethyl-ammonium chloride
Chrome
Chrome alums
Chrome-pyridin with—
(1) Aluminum sulphate
(2) Gambier
(3) Glycerin
(4) Mimosa
(5) Myrobalans
(6) Quebracho
(7) Petrolatum
(8) Sodium hyposulphite
(9) Turpentine
Chromic acid
Chromium acetate
Chromium chloride
Chromium nitrate
Chromium oxide
Chromium salts
Chromium salts soluble in water
Chromium sulphate
Chromium sulphite
Chromium-potassium sulphate
Codliver oil
Complex alkali-soluble substance cantaining hydroxide groups treated with an alkylene oxide, alcohol or ester, glyceride, or epichlorohydrin and sulphonated
Condensation products of—
(1) Acetone in the presence of hydrochloric acid, and sulphonating
(2) Acetophenone with phenols in the presence of hydrochloric acid, and sulphonating
(3) Aldehyde and an aromatic sulphonic acid and one of a group consisting of salicylic, parahydroxybenzoic acid and parachlorophenol
Condensation products of—
(4) Aldehyde and a hydroxy aromatic sulphonic acid and one of a group consisting of salicylic, parahydroxybenzoic acid, and parachlorophenol
(5) Cyclohexanone in the presence of hydrochloric acid
(6) Diphenyloldimethylmethanedisulphonic acid
(7) Formaldehyde and aromatic sulphonic acids
(8) Formaldehyde and hydroxy aromatic sulphonic acids
(9) Formaldehyde and naphthalenesulphonic acid
(10) Sulphonated alkyl-substituted phenols
(11) Tertiary amylphenolsulphonic acid
Cresolsulphonic acid with sodium hyroxide
Defindol
Derivatives and condensation products of cresol, phenol, and naphthalene sulphonic acids
4:4'-Dihydroxy-5-methyloldiphenylsulphone
3:3'-Dimethyl-4:4'-dihydroxy-5-methyloldiphenylsulphone
Dodecyltrimethyl-ammonium chloride
Dog's dung
Enzymes
Epsom salt.
Esterfied dihydroxydiphenylsulphone condensation products
Fastan
Ferric chloride
Ferric chlorochromate
Ferric chlorosulphochromate
Ferric sulphochromate
Fish oils
Formaldehyde
Formaldehyde with aromatic chemicals
Gambier
Glycerophosphate solutions
Grelasulphon
Halogenated sulphonic acids
Halogen-substituted sulphonates
Halogen-substituted sulphonic acids
Iron chloride
Iron chlorosulphate
Iron oxide
Iron salts
Iron sulphite
Isco
Lactic acid
Leukanol
Light-pressed fish oils
Lime
Litex
Magnesium sulphate
Methylcetylpiperidium methylsulphate
Monosulphonated dihydroxydiphenylsulphone
Naphthalenesulphonic acid condensations with formaldehyde and salicylic acid
Naphtholates
Naphthols
Naphthols and formaldehyde
Naphthylamine with formaldehyde
Octadecylpyridinium iodide
Oils
Oleylaminoethanesulphonic acid
Oleylmethylaminoethanesulphonic acid
Organic material, such as that obtained by bringing leaves into solution by gradual addition of a mineral acid, and chromates or bichromates
Osage orange extract
Palmitylhydroxyethanesulphonic acid
Phenol-aldehyde condensation products
Phenols
Phlabaphenes
Phosphoric acid
Polysulphides
Plump tan X
Polyphenols
Potash alum
Potassium salt of diphenyloldimethylmethanemonosulphonic acid
Pretannic
Pretanning treatment with a solution of a washing and emulsifying agent obtainable from sodium pyrophosphate or other pyrophosphate and casein or other animal or vegetable albumen
Pyrophosphates
Reaction products of—
(1) 4:4'-Dihydroxydiphenylsulphone, formaldehyde, and sodium sulphite, consisting mainly of an omegamethylsulphonate of the sulphone
(2) Dioxydiphenylsulphone with formaldehyde and a sulphonic acid of a phenol in an alkaline solution
(3) Dodecylic ester of chloroformic acid and ethylaminoethanesulphonic acid and oleylaminoethanesulphonic acid
(4) Dodecylic ester of chloroformic acid and hydroxyethanesulphonic acid
(5) Oleyl chloride and hydroxyethanesulphonic acid
(6) Sulphonic acid of an aromatic hydrocarbon with formaldehyde and a dioxydiphenylsulphone
Resorcinol and formaldehyde
Sal ammoniac
Salt
Soda alum
Sodium acid phosphate
Sodium bicarbonate
Sodium bichromate
Sodium bisulphite
Sodium carbonate
Sodium chloride
Sodium formate
Sodium hydroxide
Sodium hydroxyethanesulphonate and a fatty acid chloride of train oil with neatsfoot oil or quebracho
Sodium nitrate
Sodium phosphate
Sodium pyrophosphate
Sodium sulphate
Sodium thiosulphate
Solution containing aluminum chloride, aluminum sulphate, or other aluminum compound, together with gluconic acid
Solution obtained by treating an albuminoid substance, such as chrome leather shavings, with an acid, such as hydrochloric, and an oxidizing agent, such as potassium chlorate, in the presence of iron salts, such as ferric chloride, then subjecting to second tanning with other mineral tanning agents, such as chromium compounds
Sorbanol
Stearamidophenyltrimethyl-ammonium methylsulphate
Sterylpyridinium bromide

(To be continued)

Levy Out of N.A.R.D. As General Counsel

(Continued from page 3)

it was found to need modification to remove all question of illegality. A revised program was adopted at the N.A.R.D. convention in St. Louis last September, the national board was dissolved, and a National Fair Trade Advisory Committee responsible to the National Association of Retail Druggists was created in its place.

Development of the program represented compromise after compromise between those of conservative thought on one hand, and those who preferred a more aggressive policy, on the other. Mr. Levy's insistence that no board or committee representing the association should approve fair trade contracts, his advice that State and national association activities be kept at an absolute minimum, and his general conservative attitude were not in harmony with the ideas of others in the association.

N.A.R.D. 1938 Objectives

Although refusing to amplify his statement that he was no longer general counsel to the association, Mr. Levy, who is a law partner of Senator Millard Tydings in the firm of Tydings, Sauerwein, Levy, and Archer, disclaimed to the REPORTER all responsibility for the statement of N.A.R.D. 1938 objectives issued by the executive committee of the association at its meeting held in Chicago, November 16 to 19. These objectives, some of which other commenters characterize as, at best, of doubtful legality, were stated as follows:—

1. The effectuation of uniform minimum resale prices in every State on items produced by manufacturers operating contracts under fair trade laws.

2. Assistance to those States not now having fair trade acts and antidiscrimination laws, in the drafting and passage of such legislation.

3. (a) Induce manufacturers to discontinue existing discriminatory cooperative advertising practices, adopting advertising programs of benefit to all retail druggists.
(b) Disclose and publicize those manufacturers who persist in discriminating against small retailers through subsidization of some retailers' advertising.

4. National extension of "Captain Plan" to provide cooperation with those manufacturers and wholesalers who adopt fair policies and sincerely endeavor to carry them out.

5. Extension of the congressional contact committees throughout the nation, to assure complete coverage.

6. Reduction of the wholesale prices of magazines and elimination of the service charges.

7. Advancement of the work in the field of interprofessional relations.

8. Elimination of unfair practices existing in the field of 10 cent drug merchandise.

9. Legislative and arbitrative activity to combat sales taxes, cosmetic taxes, nuisance taxes, and unnecessary governmental regulations.

10. Proper public protection by restriction of sales of drugs, medicines and poisons at retail to registered pharmasists.

11. Elimination of the practice of many wholesale and manufacturing firms of supplying employees of other businesses and industrial concerns with merchandise at wholesale prices, to the detriment of business in general and the drug business in particular.

Sulphanilamide Sales Limited in N.Y. City

(Continued from page 3)

upon said prescription of the physician, dentist or veterinarian.

2. No manufacturer, pharmacist, jobber, or other dealer in drugs shall sell or have in his possession a harmful drug, unless the container bears a label securely attached thereto, stating conspicuously in printed words the specific name of the harmful drug and the proportion or amount thereof. Such label shall not be necessary when such drug is dispensed by a pharmacist upon a prescription and the container is labeled in the manner described in subdivision 1 hereof.

3. For the purpose of this section the term "harmful" drug shall mean and include the following drugs, compounds, preparations or mixtures thereof:—

Dinitrophenol, para-aminobenzenesulphonamide (sulphanilamide), thyroid, acidum phenylcinchoninicum (cinchophen), indian hemp in leaf form, oil of savin, oil of tansy, oil of pennyroyal, oil of croton, solid extracts and fluid extracts of ergot and cottonroot except when for external use in combination with other ingredients, antimonii et potassi tartras (tartar emetic) in excess of one-half (½) grain per dose, atropine for internal use in excess of one-hundredth (1/100) of a grain per dose, prussic acid in excess of one-half (½) minim of dilute prussic acid per dose, and amidopyrine in excess of two (2) grains per dose.

4. The provisions of this section shall apply to any of the above mentioned drugs whatever may be the name under and by which the same may be called or known.

Tax Revision Plans Told to Mine Groups

(Continued from page 3)

this subject were unnecessary, and that the conclusions drawn from the testimony heard were fallacious. My advice to members of the mining and oil industries is to see your congressman. Get him to oppose any change in the depletion allowance. You have the same right, as tax payers, to present your side of the question as the treasury has as the tax collector in presenting its side. It seems to me that the comparatively small increase in revenue derived from any lowering of the depletion allowance as it exists would be overruled by the tremendous threat that such tampering would be to business.

Speaking of the revision of the undistributed profits tax, Mr. Disney said that it might be safely predicted that the final revision would follow the outline given to the press by Chairman Vinson of the ways and means sub-committee. Under this plan the undistributed profits tax would exempt corporations with a net income of $25,000 or less without regard to their undistributed profits. However, such corporation would pay a flat income tax of 12.5 percent on the first $5,000 and 14 percent on the next $20,000. This, he said, would affect 176,000 corporations, or 88 percent of all corporations.

For corporations of more than $25,000 net income, rates would depend on the amount of income not distributed in dividends, but the rates would be levied against the total net income. The tentative Vinson plan is that 20 percent would be the highest rate and 16 percent the lowest, graduations between those two rates being 0.4 percent for every 10 percent of earnings distributed.

N.A.R.D. Fair Trade Activities Are Probed

(Continued from page 3)

zations were seeking to prevent the circulation of publications containing articles unfavorable to resale price-maintenance, and he referred to a publication called "National Consumer News" which carried a reproduction of a $25,000 check drawn by the Pepsodent Company to the national association.

No comment on this point was forthcoming at the commission, but Rowland Jones, jr., Washington representative of the National Association of Retail Druggists, stated that Mr. Celler apparently had reference to an effort of several retail druggists to rid their newsstands of "trashy magazines." The Pepsodent check, he said, was a contribution to efforts to enact the Robinson-Patman act, not the Tydings-Miller act, and received wide publicity at the time.

Wage Hour Control Up In House December 13

(Continued from page 5)

It is expected that many important amendments will be adopted when the bill is brought up for debate, and it may be radically altered before passage. The labor committee has agreed on a large number of changes, including vesting the powers in the Secretary of Labor instead of a new independent board. Some form of bill will probably be passed, however, after which it will go to conference for settlement of changes made by the house to the bill the senate passed.

Treasury Enforcement Units Now in New Federal Building

With improved co-ordination in the protection of Federal revenue and currency as the aim, headquarters for all Treasury enforcement agencies, covering the entire State of New York, have been located on the eighth floor of the new Federal office building, at Church, Barclay and Vesey streets, this city.

The agencies affected are the Customs Agency Service, United States Secret Service, Bureau of Narcotics, Intelligence Unit Bureau of Internal Revenue, and the Alcohol Tax Unit. All offices have been set up and are equipped to act upon all complaints. Telephone service for all will be through the building switchboard, Rector 2-9100.

Dyestuffs and Textile And Leather Chemicals

Zinc Dust Reflects Sharp Decline in Basic Metal—Corn Derivatives Lower—Wattle Bark and Valonia Continue Firm —Imported Egg Products Scarce

Business in the market for dyestuffs and tanstuffs continued quiet throughout the week just closed. It was clearly evident consumers were not purchasing beyond actual production requirements. Zinc dust was lower as a result of a decline in the basic metal. Corn derivatives also noted a slight reduction.

The market for zinc dust noted a fair demand throughout the week. However, a further decline in the basic metal resulted in a proportional decline in prices for zinc dust. Corn derivatives reflected an easier position in the basic product. Bichromates continued firm. Manufacturing consumers continued to order out fair-sized quantities and producers of bichromates indicated that substantial progress was made in writing 1938 contracts. Egg products were strictly nominal as far as prices were concerned. This situation could be traced to the limited supply on hand, plus the uncertainty regarding shipments from China. The largest Fall egg production on record and a continued slow out-of-storage movement have made for a less than seasonal gain in domestic egg prices, the Bureau of Agricultural Economics reported. November 1 farm flocks were the smallest for that date on government record, but production per bird was the highest on record for the seventh consecutive month. Tanning materials were quiet. Alumina chloride was steady. Dyestuffs were dull.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Dextrin, corn, 15c. per 100 lbs.
Starch, corn, 15c. per 100 lbs.
Zinc dust, ¼c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
155.1	155.2	155.2	152.5

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—Business continued at a fair pace throughout the week. Prices displayed a firm tone.

Antimony Salt.—There was little to report in this market during the week, routine consumers continuing to order out supplies for actual production requirements only. Prices remained unchanged.

Potash Bichromate.—This market continued to be featured by writing 1938 contracts. Sellers reported quotations displayed a firm tone. A substantial volume of business has already been booked for 1938 delivery.

Potash Prussiate.—Prices displayed a firm tone in the market for yellow prussiate. Demand was fair. Quotations for red prussiate held firm also, consumers covering when needs reached an urgent point.

Soda Bichromate.—Business continued at a fair pace throughout the week. No change was disclosed in quotations. Producers continued their drive for 1938 contracts.

Zinc Dust.—This market noted a slightly lower price as a result of a decline in price for the basic metal. Demand was fair.

Dyestuffs

Annatto.—Business in this market continued at a slow pace throughout the period under review, sellers reporting prices for paste and seed annatto displayed a steady to firm tone.

Archil.—A firm price tone continued in evidence for this market again last week, although shipments were moving out at a rather slow pace. No change was disclosed in quotations.

Cochineal.—This market was much the same as in the preceding period, in that usual consumers were ordering out small quantities, and prices were firm at the levels in effect in the preceding period.

Fustic.—While the market was a drab affair again last week, an occasional small quantity making up the call, sellers reported prices held firm at the levels in effect previously.

Logwood.—Demand was highly irregular throughout the week just ended, the call indicative of continuance of a hand-to-mouth purchasing policy. Prices ruled unchanged.

Madder, Dutch.—Although this product experienced a dull demand, sellers were holding firmly to previous prices. The firm character of the price tone could be attributed to the limited amount of material on hand.

Sizing Materials

Albumen.—Prices continued strictly nominal. This situation could be explained by the limited amount of supplies on hand, plus the uncertainty about shipments of the edible egg material from China.

Dextrin.—A decline of 15c. per 100 pounds was noted in prices for the corn derivatives. Otherwise the market was unchanged.

Egg Yolk.—Business in this market was much the same as in the preceding period, prices were nominal and supplies were scarce.

Starch.—A decline of 15c. per 100 pounds was noted in prices for corn derivatives. With unfavorable weather for field operations, corn husking made but little progress during the week, but this work is well along generally. Bulk of corn has been husked in central and western Ohio valley, and gathering is practically completed in the extreme western belt. In Iowa many ears of corn are on the ground and covered with snow in the unhusked fields. The Agricultural Adjustment Administration announced that diversion of potatoes into starch and flour will be encouraged through purchases by the Federal Surplus Commodities Corporation and by diversion payments to manufacturers of potato starch and flour. The potato programs are designed to increase returns to growers for their large 1937 crop and to expand consumption of potatoes and potato products. Under the starch and flour purchase programs the Federal Surplus Commodities Corporation will invite manufacturers to submit offers to sell edible potato starch and flour to the corporation. The manufacturers must agree in their offers to purchase from growers or associations of growers 10 pounds of potatoes at least 1½ inches in diameter and grading U. S. No. 2 or better for each pound of starch and to purchase approximately 5.6 pounds of potatoes for each pound of flour sold to the corporation. The starch and flour purchased under the program will be turned over to state agencies for distribution to persons on relief. In addition to the purchases of flour and starch for relief distribution, diversion of potatoes into starch and flour to be sold by manufacturers in commercial markets will be encouraged through diversion payments to the manufacturers. Under the program the manufacturers will be authorized to divert certain quantities of potatoes and will be paid 40 cents per 165-pound barrel or 24 cents per hundred pounds for all potatoes they use for starch and flour within the authorizations. The diversion must have been completed within two months after the authorization is issued. Both programs require approved inspection of the potatoes diverted into starch and flour. Plants equipped to manufacture potatoes into starch and flour are located in Michigan, Minnesota, Maine and Idaho. The production of potatoes indicated for 1937 by the November 1 crop report is approximately 392 million bushels. This is approximately 62 million bushels above the production last year and approximately 20 million bushels above the average from 1928 to 1932. These programs will be financed from the fund of 30 percent of the customs receipts made available to the Secretary of Agriculture for programs to encourage domestic consumption and exports of agricultural commodities produced in the United States.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Tanning Materials

Divi-Divi.—Prices continued nominal. The nominal price condition could be explained by the limited amount of material on hand here.

Gambier.—The market for common gambier was highly irregular throughout the week. Prices were steady. The call for plantation gambier and Singapore cubes continued spotty. Prices were without change.

Mangrove Bark.—Prices were steady to firm. Demand was spotty, consumers were remaining aloof from the dealings unless needs were urgent.

Myrobalans.—The market for J1 material continued quiet. Prices were without change. Business in J2 and R2 myrobalans was dull. No change was disclosed in quotations.

Sumac.—A fair demand was reported in this market at times during the week. Prices held unchanged.

Valonia.—A strong tone prevailed in this market again last week. Demand was fairly good.

Wattle Bark.—Shipments were moving out at a fair pace. Prices ruled firm at previous levels.

Contracts Awarded

Acetone, Grade B:—24,909 gallons; award to Publiker, Inc., Philadelphia, at 39.05 cents and 31.76 cents, by the Army Air Corps, Wright Field, Dayton, O.; circular 361, opened October 29.

Alcohol:—1,350 gallons; award to the S. Weinstein Supply Company, New York city, at 39 cents and 40 cents, by the Quartermaster Depot, Boston, Mass.; procurement 51, opened October 18.

Ammonia, Aromatic Spirits:—1,000 bottles; award to Sharp & Dohme, Philadelphia, at 52 cents, by the Medical Section, Army Base, Brooklyn, N. Y.; procurement 38, opened November 10.

Atobrine:—325 bottles; award to the Winthrop Chemical Company, New York city, at $3.20 a bottle, by the Medical Section, Army Base, Brooklyn, N. Y.; procurement 38, opened November 10.

Calcium Chloride:—48,000 pounds; award to the Burkhart-Schier Chemical Company, Chattanooga, at 1.875 cents, by the Quartermaster, C.C.C., Fort Oglethorpe, Ga.; procurement 32, opened October 25.

Codliver Oil:—2,000 bottles; award to McKesson & Robbins, Inc., New York city, at 20.5 cents, by the Medical Section, Army Base, Brooklyn, N. Y.; procurement 38, opened November 10.

Collodion:—4,000 bottles; award to Leo Cohen, New York city, at 3.87 cents, by the Medical Section, Army Base, Brooklyn, N. Y.; procurement 38, opened November 10.

Iodophthalein:—500 bottles; award to the Conray Products Company, New York city, at 73.9 cents a bottle, by the Medical Section, Army Base, Brooklyn, N. Y.; procurement 38, opened November 10.

Merthiolate Tincture:—500 bottles; award to B. R. Elk & Co., Garfield, N. J., at $1.62 per bottle, by the Medical Section, Army Base, Brooklyn, N. Y.; procurement 38, opened November 10.

Naphthalene Flake:—30,000 pounds; award to Julius Oehrlein, New York city, at 6.39 cents, by the Quartermaster, Philadelphia, circular 104, opened November 15.

Paint:—2,004 gallons; award to the Jaegle Paint & Varnish Company, Philadelphia, at $1.28, by the Quartermaster Depot, Chicago; procurement 51, opened October 19.

250 gallons; award to the Inland White Lead Company, Chicago, at $1.487, by the Quartermaster Depot, Chicago; procurement 51, opened October 19.

Paraffin Wax:—6,300 pounds; award to the Socony-Vacuum Oil Company, New York city, at 3.75 cents, by the Commanding Officer, Picatinny Arsenal, N. J.; procurement 261, opened October 29.

Peptone:—100 bottles; award to the Difco Laboratories, Detroit, at $6.00 per bottle, by the Medical Section, Army Base, Brooklyn, N. Y.; procurement 38, opened November 10.

250 bottles; award to the Paul-Lewis Laboratories, Milwaukee, at $2.08 per bottle, by the Medical Section, Army Base, Brooklyn, N. Y.; procurement 38, opened November 10.

200 bottles; award to the Conray Products Company, New York city, at $3.19 per bottle; by the Medical Section, Army Base, Brooklyn, N. Y.; procurement 28, opened October 11.

Soap, Grit:—60,000 cakes; award to the Day & Frick Company, Philadelphia, at 2.95 cents, by the Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 67, opened October 25.

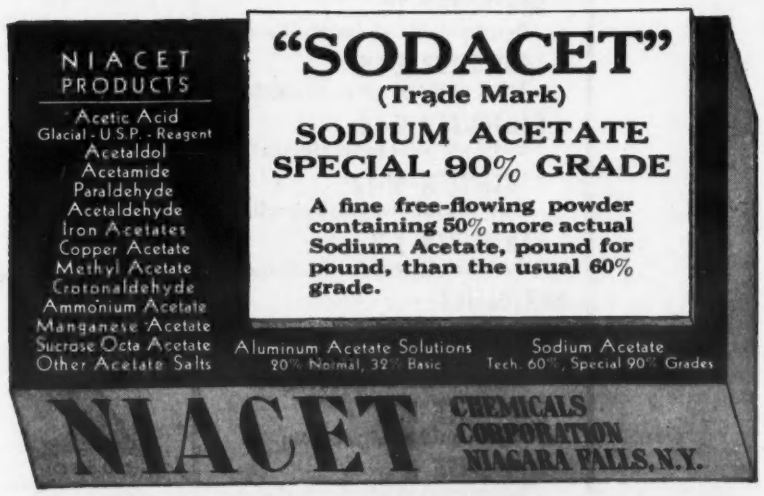
Soap, Laundry:—675,000 pounds; award to the John T. Stanley Company, New York city, at 3.4 cents, by the Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 67, opened October 25.

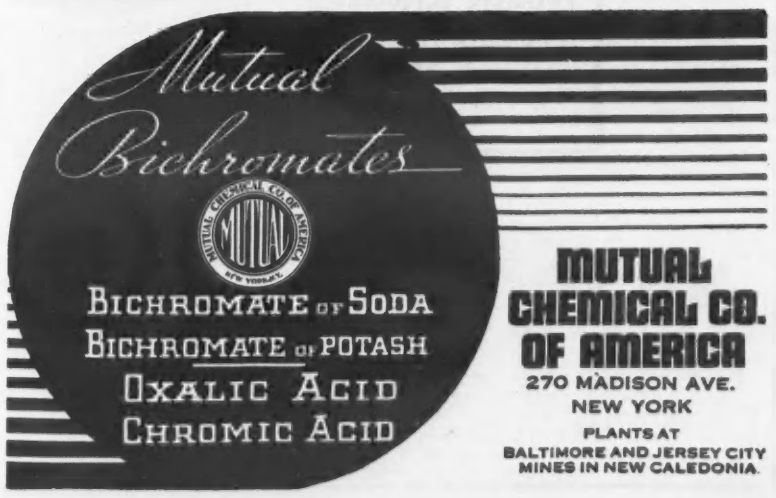
Sodium Chloride:—136,800 pounds; award to the Myles Salt Company, New Orleans, at 0.445 cents, by the Quartermaster, C.C.C., Fort Oglethorpe, Ga.; procurement 32, opened October 25.

Tryparsamide:—600 boxes; award to Merck & Co., Rahway, at $2.20 per bottle, by the Medical Section, Army Base, Brooklyn, N. Y.; procurement 38, opened November 10.

Tryptone:—50 bottles; award to the Difco Laboratories, Detroit, at $6.00 per bottle, by the Medical Section, Army Base, Brooklyn, N. Y.; procurement 38, opened November 10.

Croxonol Sales Corporation, this city, has been directed by the Federal Trade Commission to discontinue representing in newspaper and magazine advertising, or by an other means, that "Croxon Method" will permanently remove and completely stop the growth of superfluous hair, and that no odor will result from the use of the product.





Monsanto Chemicals

For the LACQUER Manufacturer

DIBUTYL PHTHALATE
DIETHYL PHTHALATE
DIMETHYL PHTHALATE
DIPHENYL PHTHALATE
SANTICIZERS (Plasticizers)
SANTICIZER 8
Ethyltoluenesulfonamid
SANTICIZER 9
Orthoparatoluenesulfonamid
SANTICIZER 10
Orthocresylparatoluenesulfonate
SANTICIZER E-15
Ethyl phthalyl ethyl glycollate
SANTICIZER B-16
Butyl phthalyl butyl glycollate
SANTICIZER M-17
Methyl phthalyl ethyl glycollate
SANTICIZER 1-H
Cyclohexyl paratoluenesulfonamid
SANTOLITES
(Synthetic Resins)
SANTOLITE MHP
Sulfonamid aldehyde resin
SANTOLITE MS
Sulfonamid aldehyde resin
SANTOLITE K
Sulfonamid aldehyde alkyd resin
PHTHALYL GLYCOLLATES
TRICRESYL PHOSPHATE
TRIPHENYL PHOSPHATE

For the RESIN Manufacturer

PHENOL
PHTHALIC ANHYDRIDE
MALEIC ANHYDRIDE
AROCLORS
(Chlorinated Diphenyl)

SOLVENTS

AMYL ACETATE
BUTYL ACETATE
ETHYL ACETATE
DIACETONE ALCOHOL
MERSOL
(Solvent Alcohol)
COTTON SOLUTIONS

CHEMICALS OF QUALITY Monsanto ST. LOUIS, U.S.A.

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Paint, Varnish, Lacquer Materials

White Lead Price Cut—Leaded Zinc Oxides Lower—Some Color Prices Renewed for 1938—Others Not Expected to Change—Cumarone Resins Unchanged

Spot interest in the President's new housing program was overshadowed last week by interest in raw materials price developments. The foremost event of the week was a slash in white lead prices. This reduction which embraced dry basic carbonate and basic sulphate as well as blue lead, took place Wednesday and the corroders were prepared to take business at the new levels for delivery only up to the end of this month. There are no offerings for 1938 delivery. The ¾c. per pound cut in white lead and the limited offering period at the new price level should create a much livelier demand over the next three weeks or so; business has been at a very low ebb since the previous price reduction in October. Manufacturers of high lead strength zinc oxides followed the lead reduction with a cut in the prices for 35 and 50 percent leaded zincs. Both of these grades were now being offered at the same price and the sellers were booking 1938 contracts at the new level albeit the prices were firm only through the first quarter and subject to quarterly adjustment thereafter.

Carbon black prices weathered the week without further reduction but the market's position was somewhat nervous toward the close on rumors that another cut impended.

Chemical dry color contract prices should make their appearance Monday if not before. Some have been made known already, including alkali blue toner, methyl violet toner, scarlet ink toner and the pulp grade of lake for red C. These colors were offered at unchanged prices, and, according to the gossip around the market, the chromates, iron blues and others were not likely to be changed.

Changes in rosin and turpentine quotations were generally narrow last week and the tone of Southern and local markets appeared to be steadier, although there was no broadening of trade. Offerings in primary centers from day to day were comparatively light. Receipts were moderate, with the indications pointing to a further decrease in production and marketing in the near future.

October sales of paint, varnish, lacquer and fillers reported to the Bureau of Census by 680 establishments were off considerably from October, 1936, totaling $32,791,845 in value, against $35,354,930 in October last year. The September, 1937, sales were $34,489,882. The sales for October were the lowest since February this year. Total sales for the first ten months of the year were $373,649,939, against $338,049,786 in the same months of 1936.

Price Changes

Prices were changed last week as follows:—

Advanced

Rosin, gum, high grades, 5c. to 15c. per 280 lbs.

Reduced

Gum, copal, Congo, No. 9, ½c. per lb.
26, 1¼c. per lb.
27, ⅝c. per lb.
28, ⅞c. per lb.
Lead, blue, ¾c. per lb.
white, dry, basic carbonate, sulphate, ¾c. per lb.
Mercury oxides, tech., red, yellow, 10c. per lb.
Pitch, 25c. per bbl.
Rosin oil, 2c. per gal.
Rosin, gum, low and medium grades, 15c. to 30c. per 280 lbs.
Turpentine, gum, ½c. per gal.
Zinc, oxide, Amer. process, 35 percent leaded, ¼c. per lb.
50 percent leaded, ⅜c. per lb.
Zinc, slab, ¼c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.6	**133.4**	**133.4**	**131.1**

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Pig lead prices held unchanged through a week of very light trading. Buyers' nearby needs were small and there was a negative interest in purchasing for future delivery. Prices were 4.85c. per pound at East St. Louis and 5c. to 5.05c. per pound in New York. The world production of refined lead in October was 164,659 tons, against 159,032 tons in September, of which United States produced 45,112 tons against 37,989 tons, according to the American Bureau of Metal Statistics. The world output for the first ten months of this year was 1,553,040 tons.

Zinc prices were lowered ¼c. per pound on Thursday, bringing the market down to 5c. per pound at East St. Louis. Zinc buyers have been showing very little interest for the past few weeks and the sales during the week under review were estimated to have been very small. October zinc production throughout the world was 162,322 tons, against 151,357 tons in September and 145,123 tons in October last year. For the first ten months of this year production was 1,530,680 tons, against 1,202,127 tons in the same months of 1936. United States production of zinc was 52,645 tons in October, against 50,027 tons in September.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from November 27 to December 3, inclusive, were as follows:—

	Pigs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0500@.0505	$0.0485	.. .. ..
Monday	.0500@.0505	.0485	15 17 6
Tuesday	.0500@.0505	.0485	15 18 9
Wednesday	.0500@.0505	.0485	16 5 0
Thursday	.0500@.0505	.0485	16 3 9
Friday	.0500@.0505	.0485	16 8 9

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from November 27 to December 3, inclusive, were as follows:—

	Slabs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0560	$0.0525	.. .. ..
Monday	.0560	.0525	15 11 3
Tuesday	.0560	.0525	15 8 9
Wednesday	.0560	.0525	16 0 0
Thursday	.0535	.0500	15 15 0
Friday	.0535	.0500	16 0 0

Pigments

White lead prices were slashed at the commencement of the new month, and, prices for 35 percent and 50 percent leaded zinc oxides moved down also. The white lead price cut on Wenesday was a sharp one and the corroders were prepared to book business for delivery only through the remainder of the month. Sellers were not offering for any part of 1938. In the case of the high-lead strength leaded zincs, the reduced prices will apply on 1938 contracts but are firm only up until the end of March. These contracts are subject to quarterly adjustment.

White Lead.—Dry basic sulphate and basic carbonate were reduced ¾c. per pound on Wednesday of last week, the first change in price since October. The new schedule was as follows:—Sulphate, 6½c. per pound in car lots delivered Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mexico, Ore., Utah, Wash., and Wyo., and, 6¼c. delivered elsewhere; 6¾c. in less than car lots delivered in aforementioned states and 6½c. per pound delivered elsewhere. Basic carbonate is ½c. per pound higher than the schedule for basic sulphate. Blue lead prices are the same as white basic sulphate. Corroders were taking business at the aforementioned prices for delivery up to the end of this month only. There were no offerings for 1938 delivery.

Red Lead.—The market was not influenced by the reduction in white lead prices last week. For the past few weeks, the l.c.l. or card prices have been ¼c. per pound over their usual parity with the ruling price for pig lead. Car lot prices were unchanged as the

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

DO YOU KNOW
HOW FALKOVAR SKA
is helping to
Meet the Shortage of China Wood Oil?

The crisis in the Far East, resulting in the shortage of China Wood Oil, may mean that for years this product will not be available at reasonable prices. Paint and Varnish manufacturers faced with this problem are turning in increasing numbers to FALKOVER SKA.

The highest quality interior enamels and glosses are being made with Falkovar SKA., without the use of China Wood Oil. The resultant finishes brush well and have excellent gloss and hardness.

And Falkovar 203-UD is utilized in making high grade glosses, one-coat finishes, architectural goods, egg shells and flats; all without the necessity of the use of the high cost China Wood Oil.

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Warehouse Stocks in Eleven Important Centers
Falkovar Fish and Soya Bean Oils

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"If I only had arms I'd shake hands with those painters. The ballroom has never looked so white!"
"It's the paint they're using. Heard one of the men say that what makes it so bright is the Eagle Lithopone in the formula."
● An exceptionally bright, white pigment with high colorimetric reading. Light resistant. Very opaque. Specially adapted for all enamels and flat paints.

Eagle Lithopone

THE EAGLE-PICHER LEAD COMPANY
CINCINNATI, OHIO

White Lead Carbonate • Red Lead
Sublimed Blue Lead • Sublimed White Lead
Super Sublimed White Lead • Litharge
Sublimed Litharge • Orange Mineral
Zinc Oxide • Lithopone

basic metal held its position of a week ago.

Litharge.—In company with other lead oxides, the reduction in white lead prices did not have any affect upon the position of this material. L.c.l. prices were still ¼c. per pound higher than their usual parity with the metal market.

Lithopone.—There was no life in the market last week except for the mechanics of arranging for the renewal of contracts for 1938. These agreements are being written at unchanged prices and conditions. Withdrawals against the contracts that expire at the end of this month have been very small during recent weeks.

Titanium Pigments.—Principal interest in the market was centered in the renewal of contracts for 1938 which the sellers were offering at the same prices and terms as those that prevail on the agreements that expire with the end of this month.

Zinc Oxides.—Following the break in white lead, producers of high lead strength leaded zinc oxides lowered prices last week. The reduction here was confined to the 35 and 50 percent leaded grades, both of which were now offered at one price level. The new schedule for these grades was as follows:—Bags, car lots, 6c. per pound, l.c.l., 6¼c. per pound delivered except on Pacific Coast where prices are ex warehouse; barrels, car lots, 6¼c. per pound, l.c.l., 6½c. per pound delivered execpt on Pacific Coast where prices are ex warehouse. This schedule represents a reduction of ¼c. per pound in the 35 percent strength and ⅝c. per pound in the 50 percent strength. Contracts for 1938 were being written at the new level but the prices were firm only up to the end of March and subject to quarterly revision through the balance of the year.

Fillers and Extenders

Inert pigments and fillers continued along the quiet course that it had been expected to follow. Sellers of materials included in this division of the market did not look for any change toward an improvement in conditions until after the turn of the year. Prices held without a reported change last week.

China Clay.—Prices have been without shift since the beginning of the year and latest reports from domestic producers were also indicative of unchanged prices.

Metronite.—As reported a week ago, there has not been any change in price and the producer has not offered any contracts for next year.

Dry Colors

Although contracts for 1938 are not expected to be offered on most chemical colors until after this report has been sent to press, some appeared last week at unchanged prices and terms, and it was indicated that chromates, iron blues, zinc yellow, etc., were likely to be unchanged for the first quarter of next year. Contract offerings were made last week on alkali blue toner, methyl violet toner, Lake C red toner (pulp only), and scarlet ink toner. Prices on other chemical colors are expected to be made known Monday, if not before.

Carbon Black.—The market did not undergo any further change last week but the set-up was not very strong at times and toward the end of the week there were rumors of another cut impending but up to the time this was written there had been no open change in prices. The car lot prices of standard grades of black were now 1c. per pound cheaper than they were up to November 2, when the first of three successive reductions took place. The Akron price is now 4.05c. per pound for car lots.

Alkali Blue Toner.—Dry material was offered at 90c. per pound for 1938 contracts, subject to quarterly adjustment. This price is unchanged from the figure that ruled through this year to date. Pulp material was named at $1.90 per pound.

Chrome Colors.—Prices on 1938 contracts were expected to be made known by Monday, according to the gossip around the market last week. According to the gossip, the prices were not likely to change.

Lake Red C Toner.—Although sellers have not taken any action on price for the regular toner for 1938, manufacturers of pulp material were offering for next year at 95c. per pound, subject to quarterly adjustment.

Methyl Violet Toner.—The list price for contracts business for the coming year continues at the current price of 38c. per pound.

Mercuric Oxides.—As reported in the late market summary for last week's issue, technical grades of mercury oxide were reduced 10c. per pound, making red $1.49 per pound, and yellow $1.39 per pound.

Scarlet Ink Toner.—The contract price for 1938 is repeated from this year's price of 45c. per pound, subject to the usual quarterly adjustment.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Individual as FINGER PRINTS
Each of the nine Binney & Smith—Columbian Carbon paint blacks has individual characteristics which mark its preëminence for specific formulation. Application of the proper black to your various formulas is one way to insure excellence of your products. Our service department will gladly cooperate.
ROYAL SPECTRA
Most intense in color.
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The next in line.
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The standard high color black of the industry.
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For use where a somewhat lower standard must be used for economy.
SUPERBA
The medium high color, easy-grinding black designed especially for synthetics.
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A moderately high color black suitable for industrial finishes.
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A vehicle-seeking black. High gloss and jet blackness with bluish tone. Especially recommended for quality synthetic enamels.
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Varnish Gums

The natural resin market continued in a very dull state last week. There was no interest in replacement market business and placements abroad were few. The spot trade was also lifeless. The week's price changes were all declines, having been limited to a few declines in the Congo gums.

Copal.—Prices were lowered on No. 9 grading to the basis of 11¼c. per pound for car lots. This was a reduction of ½c. per pound. The car lot price for No. 26 was lowered 1⅛c. per pound to the basis of 6¼c., while No. 27 was lowered ⅝c. per pound to 5⅞c. and No. 28 was cut ⅞c. per pound to the basis of 5c. per pound. These quotations were for straight or mixed cars and were subject to the usual differentials for smaller quantities.

Dammar.—The market was free from disturbance last week and the state of trade was very quiet. There has been no shift in prices since the recent reduction in the replacement cost of No. 1 Singapore.

Synthetic Resins

Coumarone resin prices will continue into 1938 at unchanged levels. Producers were ready to offer contracts for the first half of the coming year at the levels that were currently in force.

Naval Stores

Sentiment in Southern and local naval stores circles last week seemed to have undergone improvement, but aside from this there was an absence of developments of interest. The better feeling noticeable in some circles was apparently the result mainly of the movement to stimulate business and industry in this country through a revision of existing tax laws. The improvement in sentiment found little reflection however, in actual transactions in naval stores last week, either here or in the South. The movement of rosin on unfilled contracts apparently held up rather well but new business was generally limited to comparatively small or moderate quantities. According to some in the trade no material change in the attitude of buyers is likely to be witnessed during the remainder of the current calendar year, as consumers are not inclined to add materially to their inventories at this period.

Weather conditions in parts of the South were less favorable for operations in the woods, temperatures being abnormally low. Marketing has shown a slowing down recently and a further gradual decrease in operations is anticipated during the remainder of the season. In the opinion of some, receipts in primary markets during the final quarter of the naval season will probably make a bullish showing in comparison with the same period last season. As arrivals in the three principal markets in the South for the current season thus far have fallen below the previous season, it is not surprising

that there is still a tendency to reduce estimates of the total production for the year. At recent meetings, held in the South to discuss the government's proposed naval stores program for the coming season, sentiment seemed to be mainly in favor of the plan.

Turpentine.—Quiet conditions prevailed in the local market last week. There was nothing stimulating in the way of market developments in the South although the tone was regarded as better. Purchasing in the local market was limited to comparatively small quantities and the movement of such lots for the week was apparently unimportant in the aggregate. Unseasonably cold weather prevailed in some parts of the South and production was reported to be on a diminishing scale. Daily offerings in primary centers were light or moderate.

SAVANNAH, Dec. 3.—Turpentine ruled quiet and steady. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Saturday	27	169	385	13	37,765
Monday	27	80	275	142	37,898
Tuesday	27	119	371	76	38,193
Wednesday	26¾	69	178	195	38,176
Thursday	26½	80	409	642	37,943
Friday	26¼	103	190	650	37,403

JACKSONVILLE, Dec. 3.—The turpentine market was quiet with the tone steady. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Saturday	27	85	134	...	17,039
Monday	27	170	346	...	17,385
Tuesday	27	32	155	...	17,540
Wednesday	26¾	103	131	...	17,671
Thursday	26½	66	157	514	17,314
Friday	26¼	27	156	1,560	15,190

PENSACOLA, Nov. 27.—The turpentine market remained steady. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	157	60	26,810
Tuesday	78	...	26,888
Wednesday	42	...	26,930
*Thursday	...	...	.....
Friday	98	...	27,028
Saturday	154	122	27,060

* Holiday.

CHICAGO, Dec. 3.—Turpentine business is running at seasonally low levels. Ruling prices at the close of business last night were: Five-drum lots, 37c. per gallon; five wood barrels, 42c.; single drums, 40c.; single barrels, 45c.

LONDON, Dec. 3.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	31	0
Monday	31	3
Tuesday	31	3
Wednesday	31	3
Thursday	31	3
Friday	31	3

Stocks of American Turpentine in London were:—

	Dec. 3.	Previous week.	Last year.
Barrels	24,187	17,089	24,241

Rosin.—Business in the local market was quieter last week. The tone in Southern centers appeared to be better but there was little disposition on the part of consumers to abandon the conservative course they have followed for some time past in purchasing operations. With the inventory taking period approaching, the indications seemed to point to a continuation of comparatively quiet markets during the remainder of the calendar year. Receipts in Southern centers were moderate and daily offerings of the various grades were light.

SAVANNAH, Dec. 3.—Changes in rosin quotations were generally narrow. Following is a record of the market for the week:—

	Price per unit—Low of range quoted Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$5.00	$5.00	$5.00	$4.85	$4.90	$4.85
D	5.00	5.00	5.00	4.85	4.90	4.85
E	5.00	5.00	5.00	4.90	4.90	4.85
F	5.65	5.60	5.55	5.55	5.40	5.35
G	5.65	5.60	5.60	5.55	5.45	5.40
H	5.67½	5.70	5.65	5.60	5.50	5.45
I	5.70	5.75	5.75	5.60	5.55	5.50
K	5.70	5.75	5.85	5.70	5.65	5.55
M	5.80	5.80	5.90	5.85	5.85	5.85
N	5.85	5.90	5.95	5.95	5.95	5.95
WG	6.40	6.45	6.50	6.50	6.50	6.55
WW	6.75	6.80	6.85	6.90	6.90	6.90
X	6.75	6.80	6.85	6.90	6.90	6.90

	Barrels Sales	Receipts	Shipments	Stocks
Saturday	470	556	409	916
Monday	360	462	1,259	1,186
Tuesday	1,533	1,189	745	1,128
Wednesday	1,106	2,015	281	...
Thursday	1,705	2,411	82,542	81,713
Friday	82,965	84,154	83,194	84,911

JACKSONVILLE, Dec. 3.—The rosin market had a firm undertone. Following is a record of the market for the week:—

	Price per unit—Low of range quoted Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$5.00	$5.00	$5.00	$4.90	$4.90	$4.90
D	5.00	5.00	5.00	4.90	4.90	4.90
E	5.00	5.00	5.00	4.90	4.90	4.90
F	5.65	5.60	5.50	5.50	5.40	5.35
G	5.65	5.60	5.50	5.55	5.45	5.40
H	5.70	5.70	5.60	5.60	5.50	5.40
I	5.75	5.75	5.60	5.65	5.55	5.40
K	5.75	5.75	5.60	5.70	5.60	5.60
M	5.80	5.80	5.60	5.85	5.85	5.70
N	5.85	5.85	5.60	5.95	5.95	5.90
WG	6.40	6.40	6.40	6.50	6.50	6.55
WW	6.75	6.75	6.75	6.90	6.90	6.90
X	6.75	6.75	6.75	6.90	6.90	6.90

	Barrels Sales	Receipts	Shipments	Stocks
Saturday	587	643	674	430
Monday	591	424	640	653
Tuesday	674	660	523	627
Wednesday	121	394	500	...
Thursday	52,704	53,257	53,523	53,546
Friday	54,173			

PENSACOLA, Nov. 26.—The rosin market continued quiet. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	*Thurs.	Fri.	Sat.
Receipts	440	323	209	...	392	601
Shipments	420	...	110	...	100	750
Stocks	28,121	28,444	28,543	...	28,835	28,686

* Holiday.

CHICAGO, Dec. 3.—Extreme dullness persists in the rosin market. Ruling prices at the close of business last night were: B grade, $8 per lot of 280 pounds; G grade, $8.60; M grade, $8.90; W. W. Grade, $9.85.

LONDON, Dec. 3.—Quotations on American rosin were as follows:—

	Per cwt. in barrels Common. s.	d.	W.W. s.	d.
Saturday	16	0	18	6
Monday	16	0	18	6
Tuesday	16	0	18	6
Wednesday	16	0	18	6
Thursday	16	0	18	6
Friday	16	0	18	6

Pine Oil.—The situation continued to be featured by a firm tone and a steady movement into consuming channels, although new business last week was quieter.

Pitch.—Quotations on spot were revised downward, the easier situation being a reflection of recent developments in primary markets. There was a fair demand.

Rosin Oil.—Quotations were lowered 2c. per gallon by some sellers, the downward revision being the result of recent trends in basic material in primary centers.

Tar.—The local market retained a steady tone, selling schedules being maintained at former levels. Business was on a moderate scale.

Shellac

Business in shellac continued to be very quiet. In addition to the absence of substantial consuming requirements, the market also felt the effect of the approach of inventory period. Desire to keep stocks as low as possible tended to restrict buying on spot to quantities covering needs the filling of which could not be put off. Pricewise, the market had a fairly steady undertone but, as usual, under conditions such as prevail at this time, competition would be keen in the event of attractive business being proposed. The foreign markets were generally steady, fluctuating within very narrow limits and showing little net change on the week.

Calcutta, Dec. 3.—Calcutta quotations, basis of sterling exchange at $4.88, for shellac for later delivery have been as follows:—

	Per pound Dec. 3.	Nov. 26.
December	9⅝c.	9⅝c.

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices were as follows:—

	Per pound.
November 26	9⅝c.
November 27	9⅝c.
November 29	9½c.
November 30	9⅝c.
December 1	9⅝c.
December 2	9⅝c.
December 3	9⅝c.

London, Dec. 3.—London prices quoted on pure T. N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	December 3. Shillings. Cwt.	Cents. lb.	November 26. Shillings. Cwt.	Cents. lb.
December	41½	9.0	41	8.9
March	43½	9.4	43	9.4

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight— December.	March.
November 26	41s.	43s.
November 27	41s.	43s.
November 29	42s.	44s.
November 30	42s. 6d.	44s. 6d.
December 1	42s. 6d.	44s. 6d.
December 2	41s. 6d.	43s. 6d.
December 3	41s. 6d.	43s. 6d.

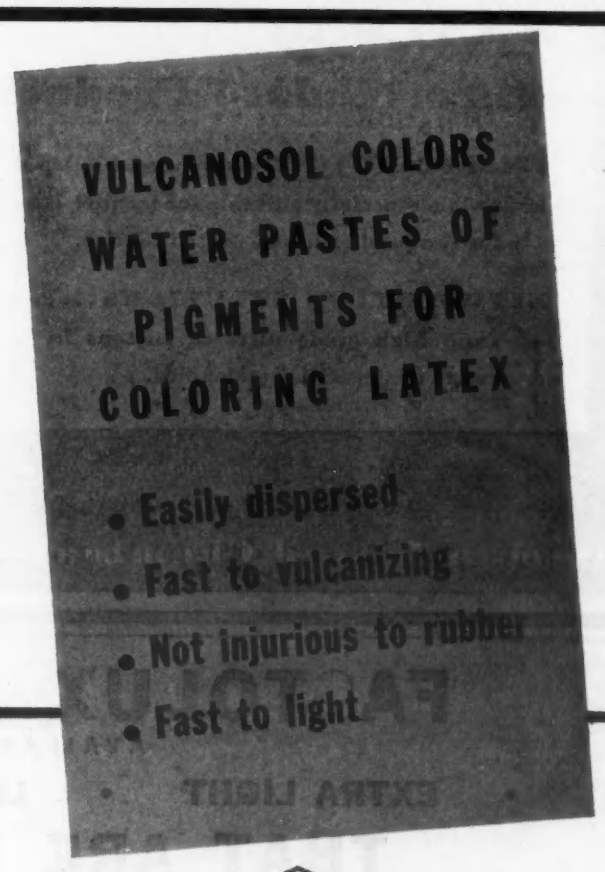
Lacquer Materials

Business in the market for lacquer materials continued highly irregular throughout the week. Prices ruled steady to firm. A firm tone was noted for tricresyl phosphate, shipments moving forward in fair volume. Prices for acetone were firm. Butyl alcohol disclosed a firm tone. Reports from the automobile industry were to the effect that production should undergo some improvement during December. November output was relatively low for a month following the initial showing of the 1938 models.

(Continued on page 42)

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

ORGANIC AND INORGANIC
PIGMENT
COLORS
IMPERIAL
PAPER AND COLOR CORPORATION
PIGMENT COLOR DIVISION
GLENS FALLS, NEW YORK
Branch Offices and Warehouse Stocks:
PHILADELPHIA—BALTIMORE—CINCINNATI—ST. LOUIS
NEW YORK — DETROIT — DALLAS — SAN FRANCISCO
PITTSBURGH — CHICAGO — LOUISVILLE — TORONTO
BOSTON — LOS ANGELES — SEATTLE — CLEVELAND
THE LARGEST MANUFACTURERS OF CHEMICAL PIGMENT COLORS IN AMERICA



GDC
GENERAL DYESTUFF CORPORATION
435 HUDSON STREET, NEW YORK, N. Y.

PEERLESS CLAY *For the* **PAINT INDUSTRY**

R. T. VANDERBILT CO., Inc.
230 PARK AVENUE :: NEW YORK CITY

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

Crude, Refined, Processed
PAINT and VARNISH OILS

Sales Representatives:
D. H. Litter & Co., Inc. New York, Boston, Philadelphia
White & Co., Akron, Cleveland, O.
Marshall Dill, Los Angeles
Thompson Hayward Chemical Co. Dallas, Kansas City, Mo.
Geo. E. Moser & Son, Inc. Detroit, Mich.
L. H. Butcher Co. Portland, Seattle

CHINAWOOD OIL
PERILLA OIL
LINSEED OIL
SARDINE OIL
SOYABEAN OIL
HEMPSEED OIL
RAPESEED OIL
CASTOR OIL
GUM TURPENTINE
Special Oils to Order

PACIFIC VEGETABLE OIL CORPORATION
Importers, Refiners, Manufacturers — 62 TOWNSEND STREET, SAN FRANCISCO, CALIF. — *4½ million gal. U.S. Gov't Bonded Tank Storage*

EASTMAN
Nitrocellulose Products

FILM SOLUTIONS... Dependable basic materials especially suitable for lacquer bases and for the production of coated fabrics.

NITROCOTTON SOLUTIONS... Prepared from high grade nitrated cottons in a wide range of viscosities and solids.

Information and quotations will be furnished upon request. Eastman Kodak Co., Chemical Sales Division, Rochester, N. Y.

Eastman Tested Chemicals

Tankcars for Carbon Black

Specially constructed tankcars of the type pictured above are now in use by the Continental Carbon Company, Sunray, Texas, for the transportation of carbon black. These cars are loaded at the top and are equipped with special hoppers at the bottom through which the black is released into conveyors at the customer's plant. Sealed openigs at the side provide easy access for sampling the contents. These cars offer special advantages to large users in that they are not only more convenient but cleaner and more economical. The development of this method of delivery is in line with the new company's policy of giving its customers the highest type of service possible.

Paint Materials

Lacquer Materials

(Continued from page 41)

during the week. Prices ruled unchanged.

Butyl Acetate.—Business in this market continued at a firm tone throughout the week. Prices were without change.

Butyl Alcohol.—Shipments were moving out at a conservative pace. No change was disclosed in quotations.

Dibutyl Phthalate.—This market revealed little change during the week, usual consumers confining purchases to actual wants. Prices ruled firm.

Ethyl Acetate.—A firm tone was in evidence in this market. Demand was fair.

Tricresyl Phosphate.—A decidedly firm tone prevailed in this market again last week. Shipments were without change.

Driers

The manufacturers of stearates have not yet named prices for the first quarter of 1938 but it was indicated that these would be made known before the middle of the month. As reported previously, current acid costs are just

PLYMOUTH STEARATES
ALUMINUM - ZINC - CALCIUM
Established Qualities Manufactured for twenty years by
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
55 ANN STREET, NEW YORK CITY

ASBESTINE
Reg. U. S. Pat. Off.
FOR PAINT MANUFACTURERS
INTERNATIONAL PULP CO., 41 Park Row, New York

THE BRADLEY STENCIL MACHINE

MACHINES TO CUT ½ in., ¾ in., 1¼ in., 1½ in. LETTERS

CUTS PAPER SHIPPING STENCILS

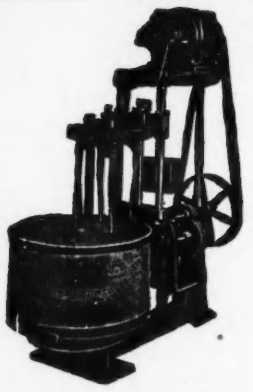
A. J. Bradley Mfg. Co.
101 Beekman Street New York

VIKING
Petroleum Solvents
PENTANE
HEXANE HEPTANE
PETROLEUM ETHER
LIGROIN BENZINE
LOW COST - HIGH QUALITY
Special Solvents for Specific Purposes
VIKING DISTRIBUTING CO.
K.V. BLDG., CHARLESTON, W.VA.

FASTOLUX LITHOL TONERS
AVAILABLE IN FOUR SHADES
• EXTRA LIGHT • LIGHT • MEDIUM • DARK •
THAT ARE FASTER TO LIGHT
Ansbacher Siegle Corp.
ANSBACHER
General Offices, Works and Laboratories
ROSEBANK, STATEN ISLAND, NEW YORK, N. Y.
Boston, Chicago, Los Angeles, Cleveland, Detroit, San Francisco, Richmond, Toronto, Canada
TRADE MARK
REG. U.S. PAT. OFF.

BE SURE··
··YOU GET
"Flowed-In"
GASKETS
IN THE PAILS
YOU BUY
DEWEY & ALMY CHEMICAL CO.
CAMBRIDGE MASS.

"SUCO"
Ultramarine Blues
Alkali Blue Toners
Methyl Violet Toners
Blanc Fixe
•
STANDARD ULTRAMARINE COMPANY
HUNTINGTON, W. VA.


No. 8 MIXER
The best built mixer in the market. Made in two sizes.
Write for Quotation
ARTHUR COLTON CO.
2624 E. Jefferson Avenue
DETROIT : MICHIGAN

Shawnee
DRY COLORS
"Color Content Guaranteed"
Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Lake Colors
Ultramarine Blue
KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities
Distillers of Coal Tar Products

about what they were a year ago and observers of the market believed it a safe guess that prices on the forthcoming contracts would be unchanged from those now in force.

Glues and Binders

Casein.—The market was very quiet. Paper coaters and other buyers seemed amply supplied for their nearby needs. The domestic material was offering at 12c. per pound for 20-30 mesh and 12½c. per pound for 80-100 mesh, both in car lots, delivered. The Argentine product was still out of line pricewise, with quotations around 14c. per pound or perhaps 13½c. per pound if there was any sign of business.

John Cooley
Recently became member of Eastern sales division of Wilson & Bennett Manufacturing Company.

Glues.—Bone glues were weaker and some of the suppliers of the lower grades were reported to be offering cheaper. The market has been very dull for the past several weeks and even lower price offerings did not attract trade.

Metal Powders and Leaf

The manufacturers of aluminum powder and paste have not yet established prices, following their withdrawal a few weeks ago. It had been expected that prices would appear by this time but there were no price schedules quoted last week.

Plastic, Cold Water Paint, Calcimine Sales: Oct.

Sales of plastic and cold-water paints and calcimines reported by fifty-three manufacturers to the Bureau of the Census for October were as follows:—

Plastic Paints

	Pounds.	Value.
Paste, casein-bound	110,381	$14,410
All other	26,504	2,847
Dry, casein-bound	234,107	17,994
glue-bound	115,895	6,111
Totals	486,887	$41,362

Cold-Water Paints

	Pounds.	Value.
Exterior, lime or cement-bound	761,514	$55,902
casein-bound	290,476	17,019
Interior, casein-bound, paste form	1,508,005	133,923
dry powder form	332,524	29,221
glue-bound	333,275	8,780
Totals	3,225,794	$244,935

Calcimines

	Pounds.	Value.
Hot water	2,943,238	$111,187
Cold water	2,819,683	127,069
Totals	5,762,921	$238,256

Sales of these products for the first ten months of the year insofar as they can be compared with those in the corresponding period in 1936 were as follows:—

Plastic paints	lbs.	5,879,370	5,498,034
	value.	$462,621	$444,085
Cold-water paints	lbs.	36,731,984	*20,313,371
	value.	$2,724,363	*$1,343,073
Calcimines	lbs.	70,288,215	68,969,900
	value.	$2,989,192	$2,921,404

* Does not include data for casein paint in paste form for interior use, which was not called for on schedule in 1936.

F. Weber, of the F. Weber Company, addressed the Philadelphia Paint and Varnish Production Club, on "Art and Color Decoration," at the November meeting of the club.

RED YELLOW IRON OXIDES BROWN BLACK
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

GREEN CHROME OXIDE PAINT FOR INDUSTRIAL PLANTS
PERMANENT COLOR. The oxide base of Cooper's Green Paint prevents it from darkening or fading.
Supplied in 1 gal. and 5 gal. cans and 50 gal. drums.
COOPER'S CERTIFIED CHEMICALS
CHARLES COOPER & CO.
6 Mulberry Street New York, N. Y.
Works: Newark, N. J.; Established 1857

STEARATES
ZINC STEARATE
CALCIUM STEARATE
ALUMINUM STEARATE
MAGNESIUM STEARATE
Stocks at
• NEW YORK
• CHICAGO
• ST. LOUIS
• KANSAS CITY
• DES MOINES
• LOS ANGELES
• SAN FRANCISCO
• NEW ORLEANS
FRANKS CHEMICAL PRODUCTS CO.
BLDG. 3, BUSH TERMINAL — BROOKLYN, N.Y.

CAMELINE CALCITE
Calcium Carbonate
Pure White
Dry Ground 325 Mesh
Used as:
Filler for Rubber, Insulation, Linoleum, Paint, Pigments, Plastics, etc.
HARRY T. CAMPBELL SONS' CO.
Towson, Baltimore, Maryland

MINERS REFINERS IMPORTERS
CLAYS INDUSTRIAL
AIRFLOATED CLAYS
Our facilities enable us to furnish practically all types of clay in the "bone dry" Airfloated form. Just what kind of clay would you care to have Airfloated?
Testing Samples Gladly Sent
United Clay Mines Corporation
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Fulton
WATER-PROOFED · · PAPER-LINED
Bags
Let us quote on your requirements—any quantity from 1,000 to carload lots.
Chemicals, pigments or any product that requires sift-proof and moisture-proof containers, should be packed in Fulton water-proof, paper-lined bags.
The special processing of burlap and cotton goods with paper, cementing the two with various waterproof adhesives such as asphalt, glue and lastex, provides a bag that is strong, sift-proof and moisture-proof.
These bags are *much cheaper* than metal drums or barrels — they are easier to handle and to store.
Fulton water-proof, paper-lined bags are available for prompt delivery from St. Louis to the West and Middle West, and from Atlanta to the East.
Write for prices and full information
FULTON BAG & COTTON MILLS
Atlanta Minneapolis St. Louis Kansas City, Kansas
Dallas New York New Orleans

Obituaries

(Continued from page 35)

active duties in 1933. He had charge of analysis of fertilizers under the South Carolina law for twenty-three years and was responsible for many developments in fertilizer chemistry. He was long active in the affairs of the Association of Official Agricultural Chemists and was its president in 1916.

Nathaniel D. Chapin

Nathaniel D. Chapin, president and treasurer of the Billings-Chapin Company, manufacturer of paints and varnishes, Clevelond, O., which he founded in 1897, died of a heart attack November 29, while returning from his office to his home in his automobile. He was found slumped over the steering wheel, after his car had travelled about 100 feet, glanced off a tree, and finally stopped on the lawn of the Western Reserve University. He was seventy-six years old.

Born in Cleveland, Mr. Chapin was a son of the late Hermon M. Chapin, Mayor of Cleveland in 1866 and 1867, who was a member of H. M. Chapin & Co., packers. He started his business career as a messenger boy for the old First National Bank of Cleveland at $20 a month. The death of his father forced him to leave high school in his sophomore year to aid his mother. After working in minor executive capacities for several paint companies he founded the Billings-Chapin Company in 1897 and built it up until it was one of the largest of its kind in Cleveland. Mr. Chapin was at one time a director of the old Paint Manufacturers Association of the United States. He was a member of the Kirtland and Union clubs of Cleveland.

Mr. Chapin married Annie Topping Spalding, at Newburyport, Mass., in 1888. Mrs. Chapin died several years ago. Surviving are a son, N. Thayer Chapin; a daughter, Mrs. Helen Hitchcock, and three grandchildren.

Edmund P. Kelly

Edmund P. Kelly, president of the Capital City Products Company, one of the largest manufacturers of oleomargarin in the United States, died in Columbus, O., November 30. He was 44 years old. Mr. Kelly was president of the National Association of Margarine Manufacturers.

Leigh B. Liggett

Leigh Bence Liggett, son of Louis K. Liggett, founder and head of the United Drug Company, died in the Newton hospital, Boston, December 1. He was forty years old. Mr. Liggett was controller of expenses of the drug company and a director of Drug Securities, the Simmons Hardware Company, and the Pocasset Realty Company. He was graduated from Harvard University in 1918.

Col. John W. Lowe

Col. John W. Lowe, first treasurer of the National Association of Retail Druggists, died November 6 in a hospital in Boston, where he had undergone an operation. More than forty years ago he engaged in the retail drug business in Connecticut, and he was prominent in association activities locally as well as nationally, having been president of the Connecticut Pharmaceutical Association. Later he became the representative of Eli Lilly & Co., pharmaceutical manufacturer, in Boston, but retired from active duties about five years ago. He left a widow, three sons, and a daughter.

William H. Naugle

William Henry Naugle, managing director of the British Suchar Processes, Ltd., London, for ten years up to 1934, and an official of the Suchar Process Corporation, this city, died in the Wickersham hospital, this city, November 29, after a short illness. He was seventy-three years old. Mr. Naugle was born in Closter, N. J. He was with the Johns-Manville Corporation and the P. Lorillard Company before going to London. He made his home in the Ansonia hotel. Surviving are his wife, Gretchen Naugle; a daughter, Marcelle T. Naugle, and a nephew, John J. Naugle, who is president of the Suchar Process Corporation.

Michael R. Waymaker

Michael Rush Waymaker, pioneer independent oil operator, died in San Antonio, Tex., November 29. He was ninety-two years old. Born in Murraysville, Pa., Mr. Waymaker entered the oil industry in 1878, drilling with his brother in their native town a well which eventually became one of the Sun Oil Company properties. He went to Texas and operated in Jack county before moving to San Antonio where he had lived for the last eight years with his nephew. Surviving are a sister, Mrs. Margaret Walker, and a daughter-in-law, Mrs. Kathryn Waymaker.

Fred W. Weller

Fred Warren Weller, retired vice-president of the Standard Oil Company of New Jersey, and a close friend of the late John D. Rockefeller, died in his Winter home in Daytona Beach, Fla., December 2. Mr. Weller was born in Cleveland, O., and became connected with the Standard Oil Company in 1883. He retired as vice-president of the New Jersey Standard in 1921, since which time he had lived in Florida and New Rochelle, N. Y. He had been president of the West Indies Oil Refining Company, and the Interstate Cooperage Company, and a director of the Oklahoma Pipe Line Company. He belonged to the Columbia Yacht and Larchmont Yacht clubs and the Engineers Club of New York.

Lansing P. Reed

Lansing Parmelee Reed, a stockholder in the firm of Dodge & Olcott Company for ten years and a member of the directorate for one year, died of pneumonia at his home in this city December 2. He was 55 years of age. Mr. Reed was a member of the law firm of Davis, Polk, Wardwell, Gardiner & Reed, this city. He was also a director of the International Telephone & Telegraph Company and Standard Brands, Inc. Born in this city, Mr. Reed was graduated from Yale in 1904, and in 1908 graduated from the Harvard Law School. Surviving are his wife and five daughters; a brother, and his mother.

Jack Jennings, seventeen-year-old son of Ralph C. Jennings, of Chicago, Ill., sales representative for the New York Quinine & Chemical Works, and R. Hilliers Sons Company, of this city, was drowned November 26, when he broke through the ice on Rainy Lake, Ill., while on a hunting trip. The body was recovered on November 28. Funeral services were held December 2 and interment was at Wilmette, Ill.

Louis L. Lussky, father of Clifford Lussky, president of the Progress Paint Manufacturing Company, Louisville, died November 25 at the age of eighty years. Five sons and a daughter survive.

Witmel Hardy Reed, connected with the Union Petroleum Company, which was later bought by the Sinclair Oil Company, and with which organization he was affiliated until his retirement in 1935, died in his home in Mathews, Va., November 30. He was fifty-eight years old. During the World War he was in charge of obtaining ships to carry oil to the Allies. Surviving are his wife; a son, Witmel H. Reed; five sisters, and a brother.

CONTROLLER BACKS ACTION

He Says Department Will Use Old Mac[illegible]s Till Dispute at Pi[illegible] Is Settled.

YOUNG ROOSEVELT ... EDWARD PLAYS GOLF

SAVED ... NEW D[illegible] ... HILE RUMORS ...

on Streptococcus Infection of the Throat

and Bowling at His Retreat as Wild Tales Are Disproved.

...AIR MISLEADS WRITERS

...ar All Access to ... for Mrs. ... Cannes.

Hanes Real News

WITH inexpensive oils, fats and fatty acids in great demand, Industrial's large supplies of Liqro and Indusoil are welcome news to users of fats and oils. The Paper Industry is fast becoming an important source of raw materials for users of Fatty Acids, Abietic Acid and Pitch. Industrial Chemical Sales is a pioneer refiner of these products and from its plants at Covington, Va., and Charleston, S. C. can offer large quantities of the following:

LIQRO

A blend of crude pine fatty acids, with the following specifications:

Acid No.	150 to 160
Rosin Acids	40 to 50%
Fatty Acids	35 to 45%
Sterols	15 to 20%

This material is available in large quantities both from our Covington, Va. mill and our new mill at Charleston, S. C.

Indicated uses are for asphalt emulsions, cutting oils, low priced soaps, and many other applications where a low price fat is a requirement.

Present prices on contract F.O.B. Charleston, S C.

Tank Cars —$35.00 per ton
Carloads, in drums—$45.00 per ton

Large samples and specific data available on request.

INDUSOIL

A blend of refined fatty acids, with the following specifications:

AVERAGE QUALITY OF INDUSOIL

Specific Gravity 60°/60° F	0.96-0.98
Pour Point	47°F-52°F
Viscosity (Saybolt)	
@ 100° F	700-900 Sec.
@ 210° F	70-80 Sec.
Flash Point	350-380° F.
Fire Point	410-430° F.
Sediment	None
Moisture	Practically None
Ash	Practically None
Completely Soluble in Petroleum Ether	
Acid No.	150-170
Saponification Value	150-170
Color (Rosin Scale)	G-I
Fatty Acid	43-47%
Rosin Acids	38-42%
Sterols	13-17%

Excellent as a blend with red oil for textile soaps and can be used with red oil for most other applications required of red oil, including cutting oils, drawing compounds, soluble oils, pine scrubs, etc.

PITCH

A new type pine fatty acid pitch, available from the distillation of Liqro, resulting in a pitch of excellent color and with a melt-point of 85° to 95° F.

ABIETIC ACID

A distilled product, excellent in color and meeting the following requirements:

Acid No.	176-185
Saponification No.	176-185
Iodine No.	150 to 170
Color (Rosin Scale)	N (Opaque)
Melting Point	230° F to 250° F

Samples, Specific Data, and Additional Information can be secured by writing

INDUSTRIAL CHEMICAL SALES

DIVISION WEST VIRGINIA PULP AND PAPER COMPANY

230 Park Ave., New York, N.Y. | 1002 Lincoln Ave., Tyrone, Pa. | 417 Schofield Bldg., Cleveland, Ohio | 205 W. Wacker Drive, Chicago, Ill.

...is a disposition in some quarters to regard the Primate of All England as the chief enemy of the Duke ... would have difficulty in finding a salon large enough to accommodate ... to be used for modifying and ... under control a possible house ...

Oils, Fats and Waxes

Sales of Tallow at a Further Decline—Babassu, Coconut and Perilla Oils Again Weaken—Cottonseed Oil Futures Irregular Within Narrow Limits—Trade Continues Slow

An easy tone continued to prevail in the market for miscellaneous oils, fats and greases last week and the trend of prices was still downward, the REPORTER's index number at the close of the period being materially lower than at this time last year when the inclination of the market was strongly upward. The low prices now prevailing failed to bring about any change in the attitude of consumers. In a few instances a fair inquiry was noted, but as a rule buyers were interested merely in small quantities to fill current needs. Late in the week a sharp rally occurred in lard futures in the West, but the upturn was regarded by many as due mainly to technical speculative conditions rather than to any real change in underlying sentiment.

Chinawood oil spot quotations were stationary but the figures were merely nominal in the absence of transactions. Offerings of futures for shipment were noted at about the same levels prevailing for spot oil. Babassu, coconut, perilla and rapeseed oils were available at further concessions. The trend of copra was still downward abroad and here. Cash lard quotations continued to weaken in sympathy with futures in the West where the trend of prices was downward at times under selling on increased marketing of hogs. Most grades of animal oils were held at former prices. Quotations on refined menhaden and sardine oils were unchanged. Crude fish oils were quiet in primary centers where offerings continued light. Tallow and greases were easier.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Neatsfoot oil, prime, ¼c. per lb.

Reduced

Babassu oil, ⅜c. per lb.
Candelilla wax, ½c. per lb.
Carnauba wax, No. 3 chalky, ½c. per lb.
No. 3 North Country, ½c. per lb.
No. 1 yellow, 1c. per lb.
No. 2 yellow, 1c. per lb.
refined, 2c. per lb.
Coconut oil, crude, ⅛c. per lb.
Coconut oil, edible, ¼c. per lb.
Copra, ⅛c. per lb.
Grease, ⅛c. per lb.
Japan wax, 1⅛c. per lb.
Lard, 25c. to $1 per 100 lbs.
Lard oil, prime edible, ¾c. per lb.
Olive oil, denatured, 5c. per gal.
Olive oil foots, ⅛c. per lb.
Palm oil, shipment, ⅛c. per lb.
Peanut oil, ⅛c. per lb.
Perilla oil, ¼c. per lb.
Rapeseed oil, 1c. per gal.
Tallow, ⅛c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
121.8	123.6	129.1	141.6

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu.—The tone was easier in company with other oils, especially as improvement in demand was lacking. For oil in tankcars 6⅝c. per pound was quoted.

Chinawood.—The market was a very small affair, the attitude of both buyers and sellers still being mainly a waiting one. Quotations remained about where they stood at the close of the previous week, the figures being largely nominal in the absence of transactions. According to some, an order in hand would be required to determine the price at which supplies were available. There were reports of offerings of futures for December-January shipment from China at 14½c. per pound.

Coconut.—An easy tone continued to feature local and Pacific Coast markets. The trend of copra remained downward abroad and here, and consumers of crude oil were still disposed to hold aloof. There were offerings at 3⅞c. per pound for tankcars and reports were current to the effect that this figure could be shaded. Edible oil was reduced by refiners to 8¾c. per pound in tankcars. Copra was reported to have sold on the coast at 2¼c. per pound.

Corn.—Crude oil was steady. Few inquiries were noted but there was no increase in offerings on spot or for future delivery. Refined oil was in fair demand and steady. Previous quotations were generally repeated.

Cottonseed.—A somewhat better inquiry was noted for edible oil but aside from this the situation lacked new features, the market being steady at former levels. Foreign oil continued nominal.

Oiticica.—The market had a fairly steady tone although there was little in the way of activity to record as offerings remained light on spot and for shipment. Quotations were mainly nominal.

Olive.—The tone remained easy in the absence of any improvement in demand, buying interest being limited to small or moderate quantities to fill current needs. Denatured oil was reduced 5c. per gallon and foots ⅛c. per pound, the figures being more or less nominal.

Palm.—With competing product still in downward trend, the market for palm oil had an easy tone, quotations in some instances being shaded ⅛c. per pound. Few inquiries were noted.

Perilla.—Demand was slow and the market remained in an easy position. There were offerings at 11¼c. per pound in tankcars and it was said to be possible to shade this figure. For shipment 10½c. per pound was quoted.

Rapeseed.—Quiet conditions prevailed and the market had an easy tone, spot oil being quoted at 90c. per gallon, with 88c. named for shipment. Exports of seed from India to the United Kingdom and the Continent from January 1 to November 17 were 38,600 tons, against 28,800 tons in the same time last year.

Markets at Other Centers

San Francisco, Dec. 1.—Vegetable oils were generally steady though quiet.

Ruling prices are:—

COCONUT.—The market remains slow with sellers quoting oil at 3⅝c. per pound in tankcars, f.o.b. Pacific Coast and/or mills for deferred delivery.

COPRA.—Crushers here were taking on routine quantities of Philippine supplies at prices ranging around 2.25c. per pound, c.i.f. Pacific Coast ports, with prospects of doing business today at 2.225c. The market has been on the easy side for some weeks.

CHINAWOOD.—Quoted on the basis of 14½c. to 14¾c. per pound in tankcars, f.o.b. Pacific Coast ports, with the market mostly quiet.

COTTONSEED.—Foreign suppliers are not offering here owing to the unfavorable local market.

PERILLA.—Crude 11¼c. per pound in tankcars, f.o.b. Pacific Coast for spot and nearby positions and 10½c. per pound for deferred delivery. Prices are mostly on a nominal basis in the absence of trading. Drums, 1c. higher.

RAPESEED.—Refined rapeseed oil is quoted on the basis of 11c. per pound, duty paid, tankcars, f.o.b. Pacific Coast ports.

TEASEED.—Quoted at 8¾c. per pound in tankcars, nominally, f.o.b. Pacific Coast ports, December/January shipment from the Orient.

Chicago, Dec. 3.—While buying is still at a rather low ebb in most grades of vegetable oils, tone seems to be a shade better in some of the products.

COCONUT.—Refined, edible oil, 9¾c. to 10¼c. per pound, car lots; and 10¼c. to 10¾c., barrels, less than car lots.

CORN.—Crude, low acid, 6½c. to 6¾c. per pound, partly nominal. Refined, edible oil, 10c. to 10¼c. per pound, car lots; and 10½c. to 10¾c., barrels, less than car lots.

CHINAWOOD.—Ruling, nominal, 15c. to 17c. per pound.

PEANUT.—Crude, 6½c. to 6¾c. per pound, Southeast.

CHICAGO, Dec. 3.—Range for soybeans for the week ended December 1:—No. 2, yellow, spot, 92c. to 94¼c.

London, Nov. 25.—Soybean, British crude, 28s. per hundredweight, palm kernel oil, refined 3s. 6d.; rapeseed oil, crude, extracted, 36s.; coconut oil, Ceylon, 23s. 6d.; peanut oil, Bombay crude, 29s.; sardine oil, 18s.; whale oil, crude, 18s. 9d.

Linseed Oil

Flaxseed quotations were irregular. Trading in domestic markets was quiet. Linseed oil, cake and meal steady.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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SARDINE OIL
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Flaxseed—DULUTH, Dec. 3.—The flax market has been quiet with virtually no seed sought and a similar condition in the offerings—which has kept prices fairly steady, inclined a little toward weakness. The closing days of navigation on Lake Superior saw some heavier shipments, but they did not have any effect on the market, being but the forwarding of seed already contracted for. Taken as a whole flax has suffered less from the financial jumble than most commodities and, in fact, cash flax has shown an increase.

The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$2.05	$1.94	$1.98½
Monday	2.06½	1.95	1.99
Tuesday	2.05½	1.95	1.99
Wednesday	2.08½	1.97	2.01
Thursday	2.10½	1.97	2.01
Friday	2.09	1.96	2.00

Crop movement in bushels follows:—

	Receipts— 1937.	1936.	Shipments— 1937.	1936.
This week..	1,894	66,982	281,644	85,115
Since Aug. 1...	689,589	910,348	1,083,242	466,955

MINNEAPOLIS, Dec. 3.—Except for the fact that competitive spirit among buyers was a little more noticeable there was no change in the local cash market situation. Buying of crushers was good and none of the receipts were neglected. Elevator operators picked up a few cars during the week. Duluth was out of the market completely so cargoes must have been filled out. Premiums for top quality were up a cent and the general tone was firmer.

Deliveries were heavier than expected and represented some seed taken in on September contracts. A crushing company tendered the supply. A cash interest took most of the supply. So far none of it has been shipped.

Country movement is very light on account of the low level of prices and shipping advices to this terminal are light. Interior elevator stocks are small, according to line elevator company managers.

Northwestern soil is going into the winter very dry and unsatisfactory and there is a tendency to be bullish on deferred futures. Very little seed is left in Argentina and crushers are dubious of the outlook. If the government housing program goes through a larger demand for linseed oil than can readily be looked after is apt to develop.

The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.96	$1.96	$1.99½
Monday	2.07½	1.94½	1.98
Tuesday	2.07½	1.93½	1.97
Wednesday	2.10½	1.96½	1.99¼
Thursday	2.12½	1.98½	2.01½
Friday	2.11	1.97	1.99½

Crop movement in bushels as follows:—

	Receipts— 1937.	1936.	Shipments— 1937.	1936.
This week..	41,380	73,600	34,200	....
Since Sept. 1...	2,802,310	1,370,650	380,840	292,140

WINNIPEG, Dec. 3.—The flaxseed market was quiet. Offerings were light. The week's closing range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.68	$1.69	$1.71½
Monday	1.67¼	1.67½	1.70½
Tuesday	1.66	1.66	1.70½
Wednesday	1.66	1.66	1.70½
Thursday	1.71	1.71	1.75½
Friday	1.71	1.71	1.74¾

BUENOS AIRES, Dec. 3.—Opening prices per bushel on February contracts were:—

	Last week.	Last year.
Saturday	$1.22¼	$1.15⅞
Monday	1.22¼	*
Tuesday	1.23⅜	1.15⅞
Wednesday	1.23¼	1.15⅞
Thursday	1.24⅛	1.11⅝
Friday	1.23⅛	1.12⅛

* Holiday.

Exports

To—	Bushels— Last week.	Previous week.	Last year.
United States	776,000	419,000	748,000
United Kingdom	.....	.....	4,000
Continent	398,000	345,000	398,000
Orders	272,000	242,000	374,000
Others	12,000	.....	.....
Totals	1,458,000	1,006,000	1,524,000

Since January 1

To—	Bushels— This year.	Last year.
United States	25,020,000	13,753,000
United Kingdom	512,000	863,000
Continent	21,502,000	26,562,000
Orders	17,280,000	13,329,000
Others	5,227,000	2,703,000
Totals	69,541,000	57,210,000

Visible Supply

	Bushels.
Last week	3,150,000
Previous week	2,204,000
Last year	2,756,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels— Last week.	Previous week.	Last year.
United Kingdom	28,000	36,000	.....
Continent	.....	.....	8,000
Others	.....	.....	12,000
Totals	28,000	36,000	20,000

Since April 1—	Bushels— This year.	Last year.
United Kingdom	6,339,000	7,276,000
Continent	268,000	820,000
Others	888,000	368,000
Totals	7,495,000	8,464,000

HULL, Dec. 3.—Quotations on flaxseed were:—

	Per ton— La Plata.	Bombay.
Saturday	£12¼	£14¾
Monday	12⅝	14¾
Tuesday	12¼	14⅝
Wednesday	12	14⅝
Thursday	12⅛	14⅝
Friday	12⅛	14¾

Linseed Oil.—Quiet conditions continued to prevail in the local market last week, many consumers being disposed to await further developments in the crop situation in Argentina as well as in the markets for other commodities here, the trend of various oils and fats still being downward. Linseed oil selling schedules were maintained at previous levels by crushers, but the tone of the market appeared to be somewhat easier.

There was a fair movement into consuming channels on contracts previously placed, withdrawals being sufficient to prevent any accumulation of supplies at the mills so far as local plants were concerned, though the slowing down of business at some outside centers was reported to have been followed by an increase in stocks. Advices from the Northwest stated that operations at the mills are being curtailed, the output at some points now being only 35 percent of capacity.

Demand for cash seed in the Northwest was reported as good, and sufficient to absorb the daily offerings. Receipts at terminal points were moderate, and the country movement was on a diminishing scale as a result of the recent decline in prices. Unfavorable reports were heard concerning the condition of the soil, moisture being deficient in some sections.

The first official estimate of the flaxseed production in Argentina will be issued next week. Shipments from that country last week were 1,458,000 bushels. Of this total 776,000 bushels were exported to the United States, making a total for the year thus far of 25,020,000 bushels, against 13,753,000 bushels in the same time last year.

There was no trading in linseed oil futures on the New York Produce Exchange from November 27 to December 3, inclusive. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
March	...	...	9.10@9.40
May	...	...	9.10@9.40

MINNEAPOLIS, Dec. 3.—Holiday dullness already is overlapping the linseed oil market and current conditions are quiet and unsatisfactory. Currently mills are operating only 35 percent of capacity and may decrease still further unless conditions improve. Shipping instructions on maturing contracts are the poorest they have been in months and for two days of the past week there was no out movement from this market at all. There still is a sizable open interest on crushers' books and with raw material scant there seems to be little doubt but that the instructions will come forward quite freely a little later, but at the moment they are disappointing.

Quotations on carload lots f.o.b. Minneapolis, cooperage 10.6c. per pound, tank-car lots 10c. per pound, warehouse lots 11c. per pound.

Shipments of oil in pounds were as follows:—

	1937.	1936.
This week	500,786	1,309,862
Since Sept. 1	16,846,730	14,354,454

SAN FRANCISCO, Dec. 1.—Local linseed oil sellers in some cases report that business was not registering even in small drum lots, while others reported very small progress, with nobody interested in talking tankcars. Prices were unchanged as posted:—Tankcars, 10c. per pound; drum car lots ex mill, 10.6c.; drum lots ex warehouse, 11c.

CHICAGO, Dec. 3.—Purchases of linseed oil have been held down, buyers preferring to keep their inventories quite low at this period. Ruling prices are:—Tank-car, 10c. per pound; car lots, 10.6c.; less than car lots, 11c.

LONDON, Dec. 3.—Quotations on linseed oil were:—

	Per cwt.— s.	d.
Saturday	26	7½
Monday	26	6
Tuesday	26	6
Wednesday	26	6
Thursday	26	7½
Friday	26	7½

Cake and Meal.—Flaxseed quotations showed irregularity but the tone of the market here for cake and meal remained steady, former quotations being maintained by sellers. Domestic business was limited to comparatively small or moderate quantities. The export call for cake was light.

MINNEAPOLIS, Dec. 3.—The meal situation remains strong. Interior distributors are finding a ready outlet for their supplies and are unable to make additional purchases of consequence from crushers for nearby shipment. Shipping instructions continue very good and indicate the substantial background of the situation. Feeding of concentrates so far this season has been the heaviest in a long time. Buyers are taking much more meal than is being turned out currently and surplus supplies are dwindling more rapidly.

There is a good demand for meal to be shipped along about March 1 of next year and crushers are willing to commit themselves for delivery that far ahead at spot prices.

Quotations on carload lots, f.o.b. Minneapolis, 100 pound sacks, $37 to $37.50 per ton.

Shipments of meal in pounds were as follows:—

	1937.	1936.
This week	2,840,340	2,452,048
Since Sept. 1	64,501,561	29,137,513

CHICAGO, Dec. 3.—The linseed meal market continues strong, with prices either firm or moving slightly higher here. Buying mostly is in restricted quantities, with round-lot business limited. Ruling prices are: $35.50 to $36 per ton, mostly nominal; car lots, $36 to $36.50; less than car lots, $38.50 to $39.

Cottonseed Oil

Refined oil futures in the local market were irregular, changes generally being narrow. Southern markets were quiet.

Cottonseed Oil.—The market for refined oil futures was irregular last week. The fluctuations, though frequent, were generally within narrow limits, the range between the low and the high prices of the week being about 20 points. Sentiment still appeared to be mixed, but there was little disposition to take the aggressive on either side of the account. Some who were recently bearish on the large increase in production of cotton and cottonseed, were disposed to reduce their short commitments on weak spots on encouraging reports concerning tax and other legislation at Washington and predictions that the monthly cottonseed report from the Census Bureau would again point to a heavy consumption of oil though predictions were heard that the figures would prove to be smaller than the record disappearance of the previous month.

Buying for anything like an extended advance in oil at this time, however, was discouraged by fresh weakness in lard futures, a downward trend in other fats and oils, a further increase in estimates of the cotton crop in this and other countries and by the unfavorable nature of reports concerning the trend in important branches of American trade and industry.

Southern markets for crude oil remained quiet and some attributed this

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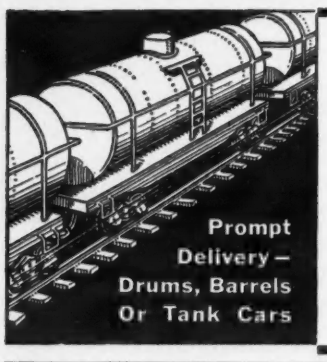
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to the refusal of crushers to meet the views of buyers. Seed was higher in some sections and reports were current to the effect that refining losses were extremely high, especially in the case of recently ginned seed. The unusually high refining losses, it was contended by some, may make it necessary to revise ideas as to the size of the production of oil later in the season, though such talk was not taken very seriously last week. Neither was the prospect of an increase in the taxes on foreign oils.

There was still a tendency to increase estimates of the cotton crop. An estimate published by a local business newspaper put the indicated yield at 18,491,000 bales against an estimate from the same source a month earlier of 18,109,000 bales, and the government estimate last month of 18,243,000 bales. A private estimate made the yield 18,367,000 bales, an increase within a month of 748,000 bales. Live hogs remained easy at Chicago though changes in prices were narrower than recently. Cash lard sold in that market December 1 at 8¼c., the lowest price recorded since August, 1934.

Receipts of hogs in the principal western centers for four days of the week were 235,500 head against 423,400 head for the same days last year. The weight of the hogs received in Chicago during the week ended November 27 averaged 234 pounds, the same as in the previous week. Demand for lard compound was reported as somewhat more active. Exports of lard from Atlantic and Gulf ports from November 1 to November 27 were 16,794,810 pounds against 10,983,767 pounds in the same time last year.

Trading in bleachable prime summer yellow cottonseed oil futures on the New York Produce Exchange from November 27 to December 3, inclusive, comprised 669 contracts, a total of 40,140,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	7.18	7.05	7.11@7.15
March	7.25	7.02	7.14@7.16
May	7.27	7.04	7.18@7.19
July	7.31	7.06	7.22@7.23
December	7.22	7.04	7.20@7.25

Crude, Southeast, 6.00c. nom.

Chicago, Dec. 3.—Cottonseed oil has been responding to various trade factors in a somewhat better style. More interest is being exhibited in the product and tone generally seems healthier. Good, off-Summer, yellow fig oil is quoted at 7½c. per pound. Refined, edible oil is 9c. to 9½c. per pound, barrels, car lots; and 9½c. to 9¾c., barrels, less than car lots.

Hull, Dec. 3.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	21	0	18	0
Monday	21	0	18	0
Tuesday	21	0	18	0
Wednesday	21	0	18	0
Thursday	21	0	18	0
Friday	21	0	18	0

Cake and Meal.—An easier tone developed, quotations on spot and for nearby shipments being shaded in some parts of the South. The weaker tone was due to a lessened demand from domestic buyers and an easier position of other products.

Markets at Other Centers

Atlanta, Dec. 2.—The market situation in cottonseed products is fairly stable. What congress is to do about controlling production of cotton next year remains a live issue and is a source of speculation in the markets.

Quotations of this market are as follows:—

OIL.—Prime crude, 6c. per pound.

MEAL.—Seven percent grade, $22 to $23 per ton, mill points.

HULLS.—Loose, $7.50 per ton.

SEED.—$20 per ton, loading point.

Memphis, Dec. 3.—Crude cottonseed oil has been very quiet this week. The last transactions reported were at 6c. per lb., but today the best bid in the market is 5⅞c. Some scattered lots are available at 6c. Meal quieter and market easier with $22 per ton quoted for 41 percent, immediate shipment, and $21.50 for December shipment from Memphis. Slab cake $19 to $19.50 per ton, Mississippi points. Hulls $5 per ton at mill points. Weather of late has been generally fair but mills report that the movement of seed continues comparatively light. Seed prices advanced this week to $23 per ton, but the increase in prices failed to bring out much seed. Mills report that recently ginned seed is producing oil with a high refining loss.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	November 24.	December 3.
December	$21.70@——	$20.85@——
January	20.50@——	20.00@——
March	19.70@19.90	19.90@——
May	19.50@19.85	19.85@——

Animal Oils

Degras.—The market retained a steady tone, spot quotations generally being held at former levels. There was a fair demand from local and other consumers. Spot stocks were said to be small or moderate.

Lard.—Prime edible oil was reduced to 13¼c. per pound. Other grades were unchanged, the tone of the market being steady. Purchasing continued along the same conservative lines noted in recent preceding weeks.

Neatsfoot.—Prime oil was advanced ¼c. per pound. Quotations on other grades were stationary and the tone of the market appeared to be firm. There was a fair demand to fill current needs.

Oleo.—Quotations were maintained at previous levels, the tone of the market being firm. There was a fair demand though consumers were not inclined to anticipate to any material extent.

Markets at Other Centers

Chicago, Dec. 3.—Continuing steady market conditions and quiet tone are reported in the animal oils.

LARD.—No. 1, 10c. to 10¼c. per pound.

OLEO.—No. 2, 11¾c. to 12c. per pound.

TALLOW.—Acidless, 9c. to 9¼c. per pound, tanks; 10c. to 10½c., drums.

Fish Oils

Menhaden.—Previous selling schedules were adhered to by refiners, the tone of the market being firm. No broadening of business was noted, but there were reports of a somewhat better inquiry for small or moderate quantities from local and other consumers who were in need of fresh supplies. Crude continued quiet in the absence of any increase in offerings.

Sardine.—The local market for refined oil retained a steady tone, selling schedules being held at former levels. There was a fair inquiry for small or moderate quantities for prompt shipment. The Coast market for crude oil was reported as quiet and steady.

Sperm.—Quotations were stationary and the tone of the market appeared to be firm. There was a fair movement into local and outside consuming channels.

Markets at Other Centers

San Francisco, Dec. 1.—Sardine fishing off the northern California coast ran into two or three days of heavy activity last week. Thanksgiving night, with 6,256 tons being turned into the shore plants being declared a record by the State Fish & Game Department, while at the same time operators, encouraged, offered out more oil and the market registered unchanged at 36 cents per gallon in tankcars. Local factors declared the trading as not large, although there were known to be a number of tankcars moved.

At the same time in southern California, oil was reported to have been traded in a moderate way at 38 cents per gallon, tankcars, at production point, a figure unchanged since the last trading the week previously.

Bids remain in both markets at the same respective figures, according to trade reports, and more oil could now be sold on the same basis, but the producers are temporarily withdrawing their interests. Meantime fishing is going ahead on an excellent basis, large schools being located and for the first time this season the industry appears to oe in an optimistic frame of mind. Although fishing is some 70,000 tons behind the quantity taken last year at this date, it is seen that a few weeks of good running will close this gap appreciably. The catch to November 28 of this season, which started in August is recorded at 145,127 tons of raw fish, against 218,602 tons for a like period of last year. In 1935 the catch figured to 156,593 tons on November 28. With the industry close on the heels of the 1935 season, it is nevertheless pointed out that this year there are many more boats and plants operating. The figures given do not include the activities of the floating reduction plants.

A successful Alaska herring fishing season is reported, with final figures not available here as yet, although it is declared that the total will be larger than last season when just under 4,000,000 gallons of oil were made.

Baltimore, Dec. 1.—The menhaden fishing continues on the Carolina coast, but the hauls made during the last week were not of impressive proportions, and work may soon be ended there. No further sales of oil have been reported, but the producers are stated to be asking 37½c. per gallon, with the ideas of buyers around 35c. per gallon. The asking price compares with 34c. per gallon obtained in the last transaction of which there is any record here. As for the local market, business may be regarded as closed, since the fishing companies did not obtain enough to fill the orders booked early in the season on a when-and-if-made basis. Consequently, they have no free oil to offer, with resales also very quiet. As for refined supplies, the figures named stand at 53c. to 55c. per gallon on light pressed, 55c. to 57c. per gallon on yellow bleached and at 57c. to 59c. per gallon on white bleached oil, with business on a small scale.

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Fats and Greases

Grease.—The market was easier, the tone being influenced by recent developments in other commodities. Quotations were shaded ⅛c., but offerings were generally light. Spot supplies are said to be comparatively small.

Lard.—Cash prices still had a downward trend here as the Western market for futures continued to feel the depressing effects of selling on an expansion in the movement of hogs. There was a fair demand from domestic consumers. Export trade was quiet.

Stearin.—Quotations were without change and the tone of the market appeared to be steady. Business was quiet.

Tallow.—Quiet conditions prevailed much of the time last week. Occasional inquiries were received from small consumers, but large interests as a rule were inclined to hold off for further developments in other commodities as well as in the general business situation. Sales were reported at 6⅛c. per pound, for extra, f.o.b., showing a further decline of ⅛c.

Trading in tallow futures on the New York Produce Exchange from November 27 to December 3, inclusive, comprised 6 contracts, a total of 360,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
March	6.20	6.00	5.95@6.05
May	...	...	5.95@6.10

Markets at Other Centers

Chicago, Dec. 3.—While some of the more recent trade statistics have been fairly favorable, the cash lard situation has not improved in price. The current values remain far below those of a year ago. Shipping trade has been moderate.

The range of lard quotations from the opening Saturday, November 27, to the close Friday, December 3, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$8.75	$8.75	$8.25	$8.62	$8.80
Jan.	8.95	8.95	8.45	8.82	8.97
May	9.10	9.20	8.82	9.17	9.17

TALLOWS (tierces).—Edible, 6½c. to 6¾c. per pound; prime, 6¼c. to 6½c.; fancy, 6¼c. to 6⅜c.; special, 5½c. to 5⅝c.; No. 1, 5½c. to 5⅝c.

GREASES (tierces).—Choice white, 6½c. to 6¾c. per pound; A white, 5⅜c. to 5½c.; B white, 5c. to 5¼c.; yellow, 10-16, 4½c. to 4¾c.; yellow, 16-20, 4⅜c. to 4½c.; brown, 4¼c. to 4½c.

STEARINS (barrels).—Prime oleo, 8⅝c. to 8¾c. per pound; lard, packages, 9½c. to 10c.; A white grease, 6¼c. to 6½c.; yellow grease, 5c. to 5½c.; extra oleo stocks, 12¼c. to 12½c.; No. 2 stocks, 11½c. to 12c.

Liverpool, Dec. 3.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	Nov. s.	d.	Dec. s.	d.	Jan. s.	d.
Saturday	54	0	47	9	46	0	46	3
Monday	54	0	47	9	45	9	46	0
Tuesday	54	0	47	6	45	9	45	9
Wednesday	53	6	....		45	9	46	0
Thursday	52	6	....		45	0	45	9
Friday	52	6	....		45	9	46	0

Liverpool, Dec. 3.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	22	3	21	3
Monday	22	3	21	3
Tuesday	22	3	21	3
Wednesday	22	0	21	0
Thursday	22	0	21	0
Friday	22	0	21	0

Fatty Acids

Red Oil.—Quotations were held at former levels by producers and the tone of the market appeared to be steady. As in recent preceding weeks, purchasing was of a conservative character.

Stearic Acid.—Basic material was easier but former selling schedules for stearic acid remained in effect. There was little change in the character of business, many consumers being disinclined to purchase in advance of current needs.

Markets at Other Centers

Chicago, Dec. 3.—While fatty acids have been in a moderately active market condition, considerable attention seemingly has been paid to basic products. Prices on the whole are little changed.

FATTY ACIDS.—Corn oil, double distilled, 7¼c. to 7½c. per pound, tankcar; 7¾c. to 8c., barrels, car lots; 8¼c. to 8½c., barrels, less than car lots; coconut oil, acidulated, 7¾c. to 8c., tankcar, nominal; 8¼c. to 8½c., barrels, car lots; 8¾c. to 9c., barrels, less than car lots; cottonseed oil, double distilled, 7c. to 7¼c., tankcar; 7½c. to 7¾c., barrels, car lots; 8c. to 8¼c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 2⅞c. to 3c.; boiled down soap stock, 65 percent basis, 3⅞c. to 4c; cottonseed foots, 50 percent basis, 1¼c. to 1½c.

STEARIC ACID.—Distilled, single press, 10½c. to 11½c. pound; double press, 11c. to 12c.; triple press, 13¾c. to 14¾c.; saponified, ¼c. higher.

RED OILS.—Distilled, or saponified, drums, 9½c. to 10½c. per pound; barrels, 9⅝c. to 10⅝c.

Waxes

Bees.—African, Chilean and Brazilian crude waxes were all firm in price but not greatly in demand during the past week. Refined and bleached waxes were steady and moved in volume about normal for those items at this season when inventory considerations usually curtails prompt delivery requests.

Candelilla.—Prices were lower at 13½c. to 14c. per pound and once more it was evident that the imposition of an export tax in Mexico has not increased costs to importers on the spot. Trade was dull.

Carnauba.—Market opinion varied somewhat but spot prices were lower and even as quoted they appeared to be subject to shading when business was in sight. Some said Brazil was holding firm but other well informed quarters were not inclined to accept that view of the primary market situation. Demand on spot was dull. New quotations were: No. 3 chalky, ton lots, 34½c. to 35c. per pound; No. 3 North Country, 35½c. to 36c., ton lots; refined, 38c. to 39c.; No. 1 yellow, ton lots, 43c. to 43½c.; No. 2 North Country, 42c. to 42½c.

Japan.—Inactivity on the spot made a market more favorable for buyers and local dealers offered in substantial quantities on the lower price basis of 10¼c. to 10½c. per pound.

Oil Trades Association Holds Biggest Banquet

The twenty-first annual banquet of the Oil Trades Association of New York was held November 16 at the Waldorf-Astoria Hotel. The attendance was the largest in the history of the association, more than 1,000 members and guests being present. All available space on the floor of the grand ballroom of the hotel was occupied, and it was necessary to place tables in the private boxes as well as in the corridors.

The attendance of petroleum men was unusually large, one company reserving 13 tables for its members and guests. There were also delegations from oil trade associations of other cities, all branches of the industry being well represented.

The dinner was served at 8 o'clock, and was preceded and followed by a social gathering. Entertainment consisted of an excellent vaudeville bill of 12 acts.

Owens-Illinois Glass Company, Toledo, designed and makes for the Fleet-Wing Corporation, Cleveland, a bottle for its automobile polish and its furniture dressing, which is said to have proved a business-booster. The bottle is tapered-oblong in shape, with no sharp corners, and is decorated with all-over red applied color. It has an easily removable ivory molded cap. The container is wrapped, with a cheese-cloth pad, in cellophane.

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Drugs, Fine Chemicals

Corn Syrup Down Sharply — Menthol Easy at Decline — Crude Glycerin Moves in Buyers' Favor—Minor Alkaloids Show Price Unsettlement—Trade Generally Quiet

Business in the market for drugs and fine chemicals was very quiet last week. Prominent suppliers and manufacturers of such material stated that the movement into consuming channels was in comparatively low volume; that in addition to a contraction in trade entirely normal for the current season of the year, there was the additional element of the generally slower movement in the business current. The trade as a whole expected trade to remain quiet over the balance of this year.

Inventory considerations played an important part in holding down volume. Manufacturing consumers were disposed to keep stocks as low as possible in order that the inventory showing might be favorable for statement purposes. Hence, orders were restricted mainly to the purchase of items the buying of which could not be avoided.

Most items showed a deal of price stability. However, unsettlement in minor alkaloids was noted and several were cheaper. Corn syrup at a decline reflected weakness in grain prices. Crude glycerin was on the decline but quotations on refined and dynamite materials lacked change, though both were on the easy side. Menthol was out of demand, excellent as to supply, and lower in price.

Acid, Ascorbic. — The price schedule on this item was $3.35 to $3.60 per ounce, packed in drums and prevailing according to quantity. Bottle packing was also available. The schedule of quantities was 100 ounce, 50 ounce, 25 ounce, and 5 ounce lots.

Acid, Citric.—A routine market prevailed on spot, but it was also a very steady market so far as current quotations were concerned. Broader request was expected to develop sometime late in the first quarter of the new year.

Acid, Tartaric. — Raw material costs have not changed and until such a development takes place, steady prices were expected to prevail on the derived material. Demand was rather narrow last week.

Alcohol.—Except for such movement as took place in completely denatured material, the alcohol market as a whole was a quiet affair. Numerous branches of the consuming trades naturally kept new business down to a minimum, this for the purpose of making as good an inventory showing as possible. Movement of antifreeze material was said to be very good on the whole, though it was apparent that available stocks in the hands of producers were caring for all requirements promptly. Prices were generally on the steady side.

Aloin.—Not much demand in a very firm, even strong, market was the general report on this item. Lack of more substantial request was not important for the moment and it was expected that the end of inventory would bring a resumption of normal trade.

Arecoline Hydrobromide. — The advance was shortlived and prices last week were noted on the basis of $4.35 to $4.50 per ounce. There seemed to be rather more material available than had been reckoned on recently.

Atropine Sulphate.—Quotations were somewhat lower at $2.80 per ounce in cans, and $2.85 to $2.95 in bottles. Considerable competition appeared to be current in the spot market.

Bismuth Metal and Salts.—The market early in the final months of the year was one of conventional and seasonal proportions. Trade was moderate to light. Undertones seemed to be generally firm so far as salts were concerned, this reflecting the well maintained quotations on metal.

Calomel.—The lower prices set up during the previous week assumed a steady position during the period under review. Immediate delivery demand was not very active, being kept within inventory limits. Raw material lacked further recession in price but remained easy.

Castor Oil.—Business was somewhat quiet but no more so than the season of the year would indicate. Pricewise the market appeared to be quite steady in keeping with the fairly well maintained cost of raw material.

CHICAGO, Dec. 2.—Castor oil business is reported holding up moderately well in volume. Buyers have shown a fair amount of interest in obtaining varying amounts of material. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots; 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Codliver Oil.—The firm tone that accompanied the recent rise in spot quotations was retained even though demand was down to moderate size during the past week. Strength on spot reflected in part that prevailing in the Norwegian market where the small unsold portion of 1937 production was in firm hands.

Corn Syrup.—A decline of 15c. per 100 pounds established prices on 42 degree syrup at $3.11 per hundred pounds; 43 degree, $3.16. This reflected the weakness prevailing for some time past in the raw material market.

Ethyl Iodide.—Competition brought concessions in prices and the market was noted at $4.85 to $4.96 per pound, ranging according to quantity. Demand was distinctly conventional in all respects.

Formaldehyde.—A fair sized interest was disclosed in this item and quotations appeared to be well stabilized in keeping with well held prices on raw material. Consumption through the year has been very good.

Glycerin.—Crude material was lower and fairly easy under the influence of fair quantities available from most sources of supply. Saponification was noted at 11½c. to 12c. per pound, while soaplye was 10½c. to 11c. Both were believed to be subject to shading. No change in the quotations on chemically pure and dynamite material have been made but the market was moderately easy in view of the situation in crude.

CHICAGO, Dec. 2.—C.p. glycerin continues to be fairly firm and in moderately good demand. Other grades are quiet. Ruling prices are:—C.p., car lots, drums, 19½c. per pound; less than car lots, 20c.; cans, less than car lots, 22½c. to 23c.; dynamite, 19½c.

Menthol.—Plentiful supply and not much demand were conditions productive of market unsettlement, which in turn led to the establishment of lower quotations on the basis of $3.30 to $3.40 per pound. The situation was such as to give some support to reports that firm orders might be placed at $3.25.

Methyl Acetone.—The product made from natural raw material was comparatively easy but a steadier situation was expected to develop as current quotations were believed to have touched a level likely to remain in force for some time to come. Sellers of synthetic material are standing on former prices, holding aloof under the competitive influence of the natural product.

Mercury Oxide.—Values were reduced no further. They were steady at the

(Continued on page 57)

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Arecoline hydrobromide, 40c. per oz.
Atropine sulphate, 5c. per oz.
Corn syrup, 15c. per 100 lbs.
Ethyl iodide, 70c. per lb.
Glycerin, saponification, 3½c. per lb.
soaplye, 3c. per lb.
Menthol, 5c. per lb.
Pilocarpine hydrochloride, 10c. per oz.
Soda cacodylate, $1 per lb.
Sparteine sulphate, 10c. per oz.
Sugar coloring, 5c. per gal.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
182.5	182.7	183.0	180.4

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

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Minor Salicylates
Guaiacol
Creosote
Guaiacol Carbonate
Creosote Carbonate
Potassium Guaiacol Sulfonate
Benzoate of Soda
Benzyl Chloride
Benzoic Acid
Benzaldehyde
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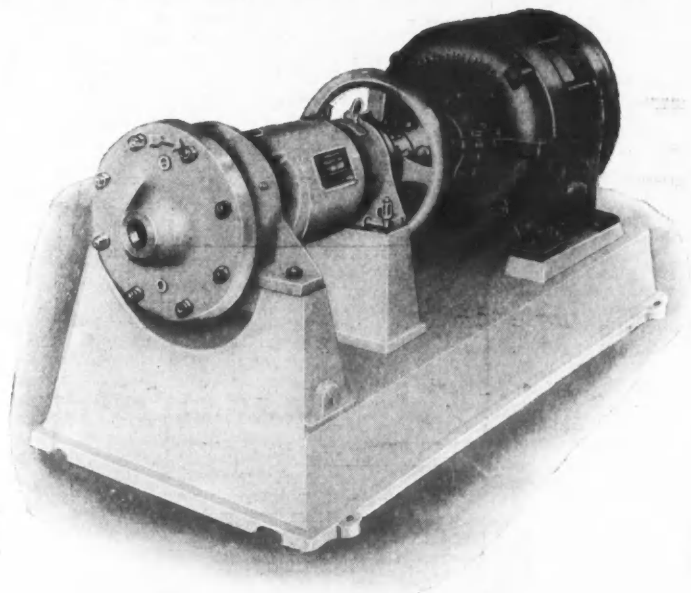

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Botanical Drugs, Gums

Increase in Stocks Brings Sharp Drop in Rhubarb Prices—Colocynth And Chamomile Off—Jaborandi and Lobelia Slightly Higher—Serpentaria Shows Strength at Advance

Movement of botanical drugs into consuming channels was well within conservative limits last week. The recession in volume of demand has been substantial if comparison be made with the market activity in the recent past. However, the decrease in business has not gone further than seasonal conditions would usually forecast and, hence, the local suppliers of these entities viewed the situation calmly and without much concern regarding the future of sales after the turn of the year.

Inventory season is at hand and each year at this time buyers of botanical drugs for manufacturing and other purposes ordinarily reduce buying to as small volume as possible, this for the purpose of keeping stocks as low as possible.

Oftentimes at this season a very good business is done in merchandise to be delivered and invoiced after January 1. There is possibly somewhat less of this sort of trade current at present and to that extent the current period differs somewhat from usual experience. However, a fair amount of such business was noted last week.

Probably the most encouraging and sustaining feature of the market at this time is the general firmness of prices. With the exception of a few items the prices for which were substantially above normal limits, the general list of materials displayed price firmness based directly on the absence of normal stocks on spot and in the primary markets. The reserve of many items have never been so low, and it would be difficult to find any number of materials the supply of which was so large as to indicate a surplus.

Small stocks are the basic strength of the market today and, therefore, prices are declared likely to hold firm unless demand during the first quarter of the new year should be sharply curtailed, which at this time does not seem likely.

Entries of botanicals at the port of New York since the week of January 1, 1937, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	3,625	17,096
Caraway	3,036	18,586
Cardamom (cases)	61	1,855
Celery	591	7,330
Coriander	10,749	15,653
Cumin	2,178	7,455
Digitalis leaves (cases)	195	227
Dill	184	647
Fennel	521	2,693
Henbane leaves (bales)	141	373
Mustard	580	26,625
Poppy	1,800	48,656
Sage leaves (bales)	20	2,998
Sesame	278	12,670
Stramonium (bales)	594	529
Thyme (bales)	670	1,486
Totals	25,062	164,314

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cassia, Batavia, No. 1, ¼c. per lb.
Fringetree bark, 1c. per lb.
Guarana, 5c. per lb.
Jaborandi leaves, 1c. per lb.
Lobelia herb, 1c. per lb.
Larkspur seed, 5c. per lb.
Papain, powdered, 50c. per lb.
Serpentaria root, 5c. per lb.
Thyme herb, 1c. per lb.

Reduced

Buchu leaves, 1c. per lb.
Chamomile flowers, Hungarian, 1c. per lb.
Colocynth pulp, 5c. per lb.
Cardamom, green, 1c. per lb.
Cinnamon, Ceylon, No. 2, ¼c. per lb.
No. 3, ¾c. per lb.
Dill seed, recleaned, ¼c. per lb.
Gold of pleasure seed, ¼c. per lb.
Ginger root, African, ½c. per lb.
Rhubarb root, whole, 20c. per lb.
powdered, 20c. per lb.
Sabadilla seed, powdered, 1c. per lb.
Vanilla beans, Bourbon, 5c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
137.3	138.7	139.5	114.4

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—A steadier market prevailed on the spot; at least no further reduction in quotations were made. However, trade was very slow and conditions generally were in favor of buyers with firm orders to place.

Fir.—Scarcity of Canadian balsam was acute. Prominent suppliers on the spot reported continued difficulty in placing orders at the source; only a small portion of their orders could be supplied in the primary market. Prices were strong to the point of being virtually nominal. Oregon balsam was moderately easy at the recent decline, but trade continued to be light.

Barks

Cascara Sagrada. — Although trade continued to be moderate, the market had a steady undertone and sellers looked for prices to hold free from change over the balance of this year. Stocks in the primary market apparently are proving sufficient to take care of actual requiremnts.

Elm.—Although actual quotations on select bark lacked change, it was apparent that stronger views were being held in some quarters and such directions were disposed to report higher prices. The market was unquestionably very firm and the outlook was favorable for a resumption of consumption on an important scale after the turn of the year.

Fringetree.—Sales were made at 14c. to 15c. per pound and several transactions thereat were cited to emphasize the improvement in market undertones and the ability of sellers to obtain higher prices on their offerings.

Orange Peel.—New production in Europe is not so far away but forecasts on values fail to suggest any material decline in new crop prices later on. In the meantime, spot quotations were declared to be firmly maintained notwithstanding the absence of important request.

Wild Cherry.—Demand for quick shipments was not active but trade during the Fall months was very good and, hence, values were generally well maintained in local circles notwithstanding the absence of buying along more substantial lines. Stocks were not excessive in size.

Beans

Calabar.—Hand-to-mouth demand prevailed, and not much of that was reported last week. However, in view of the well maintained cost of replacements, spot quotations were on the firm side and competition was negligible.

Vanilla.—Trade was very quiet. Spot quotations on Bourbon beans were lower at $3.35 to $3.75 per pound, prevailing according to seller and quality. Basically, the foreign market was declared to be firm for the reason that stocks of good to excellent quality beans were believed to be smaller than those already in this market. No changes in quotations on Mexican or South American beans were announced. As to demand, it was very light locally, a fact that may account for the competitive market that some reported.

Berries

Juniper.—Trade was rather slow on the whole, principle consumers being seemingly supplied with stocks sufficient to cover their immediate requirements. However, the market had a very steady quality at all times and competition was well into the background.

Raspberries.—A steadier undertone was reported on spot. Demand was comparatively light but the prospect for trade after the turn of the year was good and sellers stood firm in their price views pending further developments. Conditions at the source supported the local situation fully.

Flowers

Arnica.—Though demand for the item was occasional and usually for jobbing quantities, prices on the spot remained steady and reflected well maintained quotations in the European markets.

Chamomile.—Hungarian material was slightly unsettled and quotations at 24c. to 25c. per pound were reported in local circles. Competition has gained considerably and reduction of prompt demand to somewhat confined limits encouraged that condition of affairs.

Malva.—Jobbing business was fair. Dealers declared it to be all that could be expected reasonably at this time of the year. The price position was one of considerable stability, being supported by the absence of more than moderately sized spot stocks.

Mullein.—Several transactions were reported but general interest in the item was lacking and the market as a whole was a quiet affair. Prices remained steady on the spot. They were firm abroad.

Saffron.—Spanish flowers were on the firm side and sellers indicated stocks

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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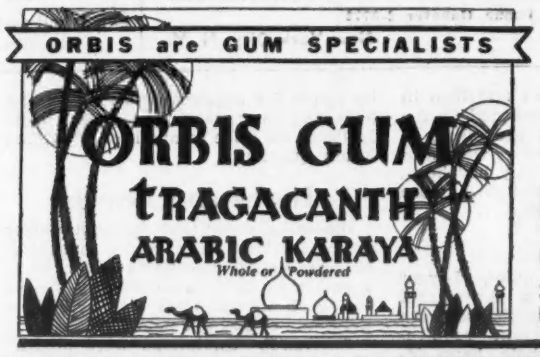

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were conservative on spot and firm in price abroad which contributed to the fair amount of strength prevailing in local circles. Mexican flowers were also somewhat steadier than they had been, this for the reason that slightly more interest was shown by buyers.

Gums

Arabic.—Trade was quiet. Larger consumers were aloof from the market since their stocks in warehouse were caring readily for current requirements which, on the whole, have decreased considerably of late. Pricewise, the spot market lacked further decline, recent revisions having brought local quotations fairly well into line with prices in the primary market.

Benzoin.—Orders reached the spot infrequently. Buyers were disposed to keep stocks low with an eye to making the inventory position as favorable as possible. Prices continued to be generally steady under the influence of a supply equal to much larger buying than has been the rule of late.

Euphorbium.—The market had been virtually nominal in activity for some time past. A trifle improvement in sales last week was sufficient to confirm open market quotations and to give evidence of a well stabilized position for the item.

Karaya.—Trading has dropped off considerably with the approach of the inventory period. Hand-to-mouth buying was the rule last week and most of the orders were for jobbing quantities needed to cover the need of the moment. Pricewise, the market remained steady.

Scammony.—Resin was in moderate supply but leaders declared holdings to be ample for requirements such as had governed purchases for some time back. Little or no price competition prevailed in any quarter.

Herbs and Leaves

Buchu.—Competition brought lower prices on short leaves and a market at 50c. per pound was fairly easy. Long leaves were in less satisfactory supply and such merchandise was held at a minimum of 52c. per pound.

Jaborandi.—Quotations were slightly higher at 15c. to 16c. per pound, being indicative of a lessening of local competition and a strengthening of market undertones to a point in keeping with the not exceptionally large stock reserves on the spot.

Lobelia.—The market was 14c. to 15c. per pound, generally firm at the slightly higher position, and subject to a somewhat broader demand from manufacturing consumers.

Skullcap.—No further change in the spot market was noted. Sellers declared that while demand was not very active, prices were still very steady on spot, reflecting well maintained quotations in the primary market.

Thyme.—The market was marked up to the basis of 20c. to 22c. per pound, emphasizing the shortness of spot stocks and the total absence of competition on the spot. Replacement costs were very firm in the primary market.

Miscellaneous

Colocynth Pulp.—Somewhat increased offerngs of spot goods led to prices being shaded to the basis of 32c. to 35c. per pound in a considerably more competitive market. Demand was not very active.

Guarana.—The shortage of powdered material was unrelieved and hence the fact that sellers last week were able to get $1.25 to $1.30 per pound caused little surprise in local circles. The lack of normal reserves had prevailed for a long time past.

Kamala.—Detentions have kept spot stocks from assuming normal size. Hence, prices last week were very firm regardless of the fact that buyers for consumption were in the market but infrequently.

Papain.—Powdered merchandise was advanced to $2.25 to $2.50 per pound at the close of the previous trading period and during the past week the market was strongly upward in tendency. In fact, some reports suggested that on quantity business, $2.50 would be minimum.

Tamarinds.—Price stability was the rule. Demand was about normal for the current season of the year and sellers said little difficulty in supplying needs prevailed in local circles. However, nothing like a substantial surplus was reported in local circles.

Roots

Arrow.—Consumption on the part of food manufacturers was very good. The sales program in such directions has proven to be productive of satisfactory results and stability of movement into consumption continued to be the feature of the market, in addition to very steady prices.

Golden Seal.—The market was one of exceptional firmness. Unsold stocks in the hands of the principal suppliers were comparatively small and hence all quarters had relatively strong views both as to value and future of the item.

Rhubarb. — Replenishment of spot stocks has been accompanied by a substantial decline in local quotations. Whole root was down to 80c. to 85c. per pound, while powdered material was off to the basis of 85c. to 90c. Much of the spot stock, however, showed a comparatively high cost in the primary market but such material had been bought prior to the recent resumption of shipments available in China at declining prices.

Serpentaria.—Prices continued to be advanced and the market last week was $1.05 to $1.10 per pound throughout the period. Stocks were small in size and were confined to a few suppliers who reported the presence of a very good interest in the item.

Valerian.—Although there was not much call for the item last week, prices continued to be well stabilized and competition was well within narrow limits throughout the period under review. Shipment prices in the primary market were said to be on a distinctly firm basis.

Seeds

Cardamom.—Green seed continued to move in favor of buyers and prices last week were shaded to 87c. to 88c. per pound. Decorticated material lacked quotable change but the item still showed signs of being moderately easy.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

(Continued on page 54)

Essential Oils, Aromatic Chemicals

California Orange Reduced Sharply by Largest Producer—Brazilian Bois de Rose Scarce at Source—Peppermint Shows Unsettlement at Further Decline—Spearmint Lower

Citrous oils continued to provide feature interest in the market for essential oils last week. Lower quotations on domestic orange emphasized strongly the competitive character of the market in recent weeks. Messina lemon was higher on the receipt of rising prices from the source. Messina orange was also up slightly, but the movement appeared to be almost nominal, in view of the competitive character of the market.

Other items of prominence were Brazilian bois de rose, which was scarce and higher, Cayenne bois de rose, which was lower and weak, celery which moved in favor of buyers, and peppermint as well as spearmint, both of which were easier at a decline. Aromatic chemicals were quiet and lacked price developments.

Anise and cassia continued unchanged in price notwithstanding the fact that the outlook for supplies improved somewhat in the primary market. Citronella was quiet but outlook for business after the turn of the year seemed encouraging. Floral oils were generally firm. Clove spice was on the firmer side, notwithstanding which there was considerable competition in the oil market. Wormseed was well maintained in price while sellers waited for the expected broadening of the export market.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bois de rose, Brazilian, 30c. per lb.
Lemon, Messina, 20c. per lb.
Orange, Messina, 5c. per lb.

Reduced

Bois de rose, Cayenne, 75c. per lb.
Celery, 75c. per lb.
Orange, California, 25c. per lb.
Florida, 50c. per lb.
Peppermint, natural, 10c. per lb.
redistilled, 15c. per lb.
Spearmint, 10c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
77.9	77.8	78.2	79.7

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Sweet oil was on the easy side. Accessions to spot supply have been sufficient to affect the spot market substantially, inducing competition and price declines within the limits set by the prevailing cost of oil abroad. No further reduction was made last week.

Bergamot. — The market was firm even though current demand was light. Prices in Italy were fully maintained and as yet no substantial change in the marketing policy of the Consortium has been made public. Stocks on spot appeared to be sufficient for more than current undertakings.

Bois de Rose.—Cayenne oil was weak and prominent factors declared they would like to get an order to fill as low as $1.50 per pound. By contrast, Brazilian oil was strong. No offers from the source were received and local sellers declared they had a market for anything available. Spot prices were strong at $1.55 to $1.60 per pound and it was difficult to do the inside.

Capsicum (Oleoresin). — Firm prices for raw material have kept quotations on this oleoresin well maintained and clear of competition influences. As to demand, it was only that usually reaching the market at this season of the year.

Cassia.—Prices were firm even though demand was not active. The absence of normal reserve stocks on this market was full support for quotations notwithstanding the fact that there is a prospect of getting some goods out of the primary market in quantities somewhat larger than had been possible for some time past.

Celery.—Improvement in stocks was noted and somewhat lower quotations prevailed in the spot market at $9.75 to $12.50 per pound, ranging, according to seller, quality, and quantity. Trade was within jobbing limits most of the time.

Citronella. — Jobbing demand was noted and not a great deal of that sort of request reached the firsthand market last week. However, values were fairly stable most of the time and with a fair prospect for improvement in movement after the turn of the year; sellers expected them to hold well.

Clove.—Producers prices were steady. However, curtailment in new business was noted and there was also an absence of extended or important interest in goods for delivery after the first of the new year. Raw material values were firmer, acting to the support of oil quotations

Dill.—An inactive market tended to keep quotations on this item generally steady and favorable for those who did come to the spot with firm orders in hand. Recovery in demand was expected to come in the first quarter of the new year.

Erigeron.—Short stocks forecast firm and possibly advancing prices for the coming year. Much will depend on the volume of demand. For some time past it has been comparatively small.

Eucalyptus.—Very good demand persisted throughout the past week. Notwithstanding the nearness of the year end, the movement was good and prospects for the new year were excellent. Much of the merchandise due to arrive has been sold under contract for some time.

Ginger.—No signs of weakness were noted last week. Sellers, in fact, were disposed to be somewhat reserved and although demand was not very active, suppliers maintained quotations fully on a basis said to be warranted by the prevailing cost to replace present stocks.

Lavender. — The market was very steady. Replacement costs were well maintained abroad and shipments of new crop oil have reduced reserves sufficiently to strengthen market undertones to a considerable extent. Locally, a quiet demand of routine sort aided in the support given quotations.

Lemon. — The foreign market was steady at prices cabled slightly higher. Control of the Italian market was reported and in this market there were reports that production would be reduced this year. Locally, quiet trade has induced continued but moderate unsettlement of prices on imported goods. California oil held about firm in first hands but resellers shaded. Italian oil locally was priced $2.55 to $2.75 per pound, which was somewhat higher than goods could have been bought for recently.

Lime.—Competition between West Indian and Mexican oils was fairly lively, the latter being available at prices substantially lower than those asked on the former. Demand on spot was moderate but the market remained steady in view of present comparatively low prices.

Orange.—The largest producer on the Pacific Coast reduced quotations to the basis of $1.75 per pound. So-called "independents" failed to react to the situation promptly notwithstanding the fact that it had been large quantities of oil offered from such sources at low prices that had apparently forced the issue.

Patchouli. — A very steady market prevailed on spot. Sellers reported a fair sized but usually jobbing interest but the movement gave support to the market as quoted and kept competition within narrow limits.

Pennyroyal. — Undertones were firm, reflecting well maintained cost of replacement supplies. Immediate demand was moderate but there were indications of renewal of buying along some-

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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what more liberal lines after the turn of the year. Stocks of imported and domestic goods were moderate.

Peppermint. — The spot market was lowered again. Natural ranged $2.15 to $2.40 per pound, and the redistilled was quoted $2.35 to $2.60. Dullness of demand was a current complaint and has resulted in a substantial competition arising in local quarters.

Sassafras. — Fair sized demand was noted but the drive for business was very keen and tended to keep values somewhat unsettled. Trade was somewhat slower than it has been but not more so than the season of the year would make reasonable.

Spearmint. — Local dealers reduced quotations to $1.65 to $1.70 per pound and conditions as a whole were such as to make the spot market one of distinct advantage to those users who came here with firm orders in hand. Demand was very light.

Tansy.—Undertones were firm. Prices were supported by the fact that production this year was somewhat less than the normal output of this oil. Despite light request, sellers were firm in their views and in some instances were inclined to be reserved.

Ti Tree.—Representatives of the producers quoted the market at $3.50 to $4 per pound, according to quantity. The item is new here and a substantial amount of missionary work is being done to acquaint potential manufacturing consumers with the properties of the material.

Wormseed.—A very quiet market was noted last week but it was also a firm market that on spot was held in line with the prevailing cost of replacement in the primary market.

Wormwood.—The principal users have covered their needs in excellent volume and hence the market was comparatively quiet throughout the past week, although the undertones were substantially firm and the future trend of quotations seemed to be upward.

Aromatic Chemicals

Alpha Phenylacetate.—A market of substantial firmness prevailed on the spot and while demand was light and usual for the small needs in the closing weeks of the year, prices were well maintained on a basis that reflected a staple cost of replacements.

Amyl Salicylate. — Hand - to - mouth movement to buyers was noted and on the whole the market was one of conventional variety unrelieved by more than a few indications of possible expansion in request after the turn of the year.

Anethol.—While the situation as to raw material has become slightly easier, it was still one subject to what happens in China where war has made sellers of the basic material distinctly reserved. Demand for anethol was steady but usually for small lots last week.

Benzyl Benzoate.—An irregular interest was shown in the item, business being confined within moderate limits and varying substantially from day to day. Pricewise, the market remained generally steady.

Benzyl Propionate.—The superiority of this item over benzyl acetate continued to attract a fair number of buyers to the spot market. The situation on spot was noted for stability and general firmness of market undertones.

Citronellyl Butyrate.—Small orders were the rule. In point of volume, trade failed to make a substantial showing but notwithstanding that prices continued to be generally firm in practically all quarters.

Ethyl Cinnamate.—More interest developed and some quarters noted an improved movement of moderately sized quantities to manufacturing consumers. Quotations were generally very steady in the absence of much competition on the spot.

Eucalyptol.—Although it was the end of the year period in which considerations of inventory usually make for a conservative buying of this material, there was still a quite substantial interest shown in spot goods and hence values were fully firm throughout the period.

Isobornyl Acetate.—New domestic production came on the market and a high quality article was offered at $1.20 per pound. Dealers in the open market quoted 90c. per pound in fifty pound cans, the same prevailing on a product of quality description.

Linalool.—Conventional demand that was restricted somewhat by the generally slow call for spot goods at this season of the year was reported last week. Quotations held steady in keeping with well maintained cost to replace in quantities.

Methylheptin Carbonate.—While demand was very light, the market was very steady as present holdings cannot be replaced to sell for any less than the current market. Stocks were sufficient, it was said.

Musk.—While the market was competitive, no open change in quotations was reported. In fact, the domestic producers have maintained a steady market ever since they reduced values some time back. Immediate demand was naturally conservative in size but the prospect for the new year was considered to be fair.

Phenyl Acetaldehye.—Not much was done in this item last week but the movement was about all that could be expected in the closing period of the year. Undertones continued to be very steady and values were subjected to full support by sellers.

Phenylacetic Acid. — Demand was usually on a hand-to-mouth basis last week and trade was called dull in most directions. Undertones continued to be steady and prices lacked sign of quotable change.

Phenylethyl Alcohol.—Imported material held around $4.25 per pound but domestic was quoted $1.50 to $2.50 per pound according to quantity. Not much trading was noted.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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Baltimore Drug Exchange Elects Muth President

BALTIMORE, Dec. 3, 1937.

Attracting the largest attendance in years, the Baltimore Drug Exchange held its annual meeting in the Emerson Hotel last evening, with seventy-five representatives of the various manufacturing and wholesale houses and guests present, including Dr. R. H. Riley, director of the Maryland Department of Health; Dr. Robert L. Swain, deputy commissioner of foods and drugs; Dr. A. G. DuMez, dean of the School of Pharmacy, University of Maryland; T. Ellsworth Ragland, president of the Baltimore Retail Druggists' Association, and others.

The following officers were elected:—President, Edward S. Muth, of Muth Bros. & Co.; first vice-president, John O. Robinson, of the Henry B. Gilpin Company; second vice-president, Frank L. Black of Bynson, Westcott & Dunning; treasurer, Leroy Oldham, of Leroy Oldham & Co.; secretary, William J. Lowry of Gilbert Bros. & Co.; executive board (three members elected each year), George M. Armor, of McCormick & Co.; M. G. Pierpont, retiring president, of the Loewy Drug Company, and J. Edward Murray, of the Emerson Drug Company.

Following the dinner, M. G. Pierpont, retiring president, called the assemblage to order and introduced William J. Norris, representing Mayor Jackson, who gave an official greeting.

Mr. Pierpont then turned the gavel over to George M. Armor, who presented Warren Bishop, editor of the Washington News-Letter for Manufacturers. Mr. Bishop gave a forecast of what might be expected to result from the extra session of congress called by President Roosevelt, his topics being "Current Events and Washington Affairs.' He pointed out that the federal department personnels never seemed to shrink, but were always expanding, no matter whether the special purposes for which appointments had been made were realized or not. He predicted that the Little TVA would not likely be heard from. He declared that no one really wanted the wages and hours measure—the labor leaders being antagonistic because they found their opportunity in bargaining and pushing for higher pay their chief activity, and they would be out of a job with affairs turned over to government control. Nobody else wanted the measure. The bill was beaten in the last session by Southern industrialists, and business men were much afraid of President Roosevelt's intentions.

W. P. King, of the Baltimore Association of Commerce, discussed the tax on doing business in the District of Columbia by merchants and manufacturers in Baltimore and other cities, and declared that this tax was no more popular among Washington business men than here. He expressed the belief that under decisions of the Supreme Court of the United States the tax would not apply to concerns doing an interstate business not actually present in the District. At any rate, the law expires by limitation on June 30 next, and it was therefore hardly worth while to start a movement in favor of repeal.

Dr. William A. Gray, of Major Bowes' staff, entertained the diners with a comical sketch of the Virginia Judge dispensing justice in court on various petty offenders, which made a big hit.

Of exceptional interest was the summary of Charles L. Fardwell, chairman of the committee on legislation, who gave the high lights in efforts to promote bills of benefit to the drug trade and to oppose others that were deemed inimical. He declared that the Industrial Alcohol Association had probably been the largest factor in the fight on measures involving the industry. He added that there was an ever increasing demand for legislation extending insecticide regulations and he urged the drafting of a model measure on this subject. He mentioned the fact that Florida had enacted a law which imposes license fees of as high as $125, and he stated that the new Food and Drug Bill was still in sub-committee of the House.

Champion Chemical Works, Inc., Albany, N. Y., has reduced its capital from $75,000 to $20,000.

Botanical Drugs

Seeds

(Continued from page 52)

Bleached goods were steady. None were in very good demand.

Dill.—Recleaned material was noted at a slightly lower price of 7c. to 7½c. per pound. Demand was strictly jobbing in size and calls for prompt deliveries came to the spot infrequently.

Gold of Pleasure.—A few sales involving small quantities were sufficient to establish the market at 16c. to 16½c. per pound. Stocks were fairly ample in size when compared with the call.

Larkspur.—The item was in short supply and quotations at 40c. to 45c. per pound were current during the past week. Some dealers were entirely free of stocks.

Sabadilla.—Powder was slightly lower at 20c. to 21c. per pound in a market notable for being distinctly quiet at all times during the past week. The situation developed purely because of competitive conditions.

Spices

Cassia.—Batavia No. 1 cassia brought fractionally higher prices at 17¼c. to 17½c. per pound. Buds continued to be scarce and to some extent the prices were close to being nominal. China material was very steady.

Cinnamon.—Competition was a trifle more prominent on the spot and both No. 2 and No. 3 were down to lower price levels. The former was 16½c. to 16¾c. per pound; the latter, 15½c. to 15¾c.

Ginger.—African root was a small fraction lower at 14⅝c. to 15c. per pound, caused mainly by the smallness of demand that had encouraged the growth of moderate competition on the spot. Jamaica root was fairly easy in undertone but while in competitive position, lacked further change in favor of buyers.

Paprika.—Spanish material was none too steady. Competition on spot was prominently a part of most transactions and the tendency of buyers was to accept reasonable bids. Open change in quotations was lacking. Hungarian material was not more than barely steady.

Pepper.—A very narrow market prevailed, spot and forward. Year-end dullness prevailed, nor was the prospect very satisfactory for trade over the balance of the current year. The 1937-1938 crop of black pepper has been estimated at between 27,000 and 31,000 tons by the Department of Economic Affairs of Batavia.

Trading in black pepper futures on the New York Produce Exchange from November 27 to December 3, inclusive, comprised 94 contracts, a total of 3,158,400 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	5.05	4.95	5.03@5.15
March	5.30	5.00	5.12@5.22
May	5.26	5.25	5.25 sale
July	5.39	5.20	5.35@5.42
September	5.20	5.20	5.42@5.50
October	5.44	5.35	5.47@5.55
December	4.85	4.85	4.90@5.10

Floor Wax Producers To Meet Here Dec. 8

Manufacturers of floor waxes and others interested in this industry are invited to meet in this city December 8 under the auspices of the National Association of Floor Wax Manufacturers, a recently formed organization.

Discussions are planned on a variety of matters of interest to the industry, and special attention will be given to the question of meeting conditions arising from the taxing and regulating of shipments of raw materials in countries where these are produced. Improvement of standards for raw materials will also be discussed, as will freight rates on the products of the industry.

The meeting will be opened at 10:00 a. m. in the Hotel Biltmore. Further particulars may be got by writing or telephoning the acting secretary of the association, J. E. Stevens, 381 Fourth avenue, this city; Murray Hill 4-5315.

Horner Issues New Price List

A new wholesale price list, the first to be issued since the company was taken over by the Orbis Products Corporation, has just been put out by James B. Horner, Inc., essential oils, this city. Prices are given on approximately 250 products. The list is available upon request to the company, 215 Pearl street, this city.

Petroleum Solvents, Lubricants, Fuels

Petroleum Thinners Reduced in New Jersey—Industrial Oils Quiet —Pennsylvania Grade Crudes Slashed—Crude Oil Flow Off Sharply

Industrial demands for solvents derived from petroleum were very slow last week. The competitive press for business resulted in a reduction in tankcar and tankwagon prices for petroleum thinners in New Jersey on Monday. V. m. and p. naphthas and rubber solvents were unchanged in price, but the tankwagon price for petroleum thinners was cut a full cent per gallon, while the tankcar price went down a half cent. The Midcontinent market position did not change from a week ago, having held the recent recovery of prices there.

Other petroleum products used as industrial raw materials also moved into consumption slowly. Wax and petrolatums were both dragging, and, while the former was openly weak, the petrolatums were not expected to show any visible reaction from the slash in Pennsylvania crude prices, except possibly in the white grades. Amber petrolatums have been selling too close to cost for any lowering of selling prices, according to the view of the sellers. The cut in Pennsylvania crude prices took place on Wednesday, with Bradford-Allegany and all Pennsylvania grades except Corning reduced 15c. to 19c. per barrel.

The crude price structure in the Midcontinent sector was untouched, but there was still an atmosphere of weakness in the market. The gasoline situation in the Southwest was no better. The general market might be improved by colder temperatures, as the refiners and dealers are still "loaded up" with fuel oil and have not been able to move much because of the mild weather so far this season.

Daily average producton of crude oil in United States for the week ended November 27 was 3,425,800 barrels, a reduction of 148,050 barrels from the preceding week, according to the estimate of the American Petroleum Institute. The average for four weeks ended November 27 was 3,518,550 barrels, and the average at this time a year ago was 3,010,650 barrels. Runs to stills were reported to the A. P. I. by companies controlling 89 percent of the nation's refinery capacity as having averaged 3,006,000 barrels for 81.2 percent refinery operation, and an additional 319,000 barrels was estimated to have been sent to stills unreported, for a total average of 3,325,000 barrels, against 3,365,000 barrels during the preceding week.

Solvents and Diluents

A sign of weakness appeared in the Eastern market for petroleum solvents and naphthas last week when tankcar and tankwagon prices for petroleum thinners were lowered in New Jersey. New York prices were untouched but the tankcar price in New Jersey was lowered ½c. per gallon and the tankwagon quotations were lowered a full cent per gallon. V. M. & P. naphthas and other solvents did not join in the decline. The Midcontinent solvents market appeared steady after the move of two weeks ago wherein prices recovered earlier losses.

Cleaners' Naphthas.—The market was free from disturbance last week. Demands have been moderately sized and the Midcontinent tankcar position held its recently regained place of 7⅜c. per gallon, basis Group 3.

Petroleum Thinners.—The tankcar price in New Jersey was lowered ½c. per gallon on Monday of last week to the basis of 9c. per gallon. The tankwagon price in New Jersey was lowered 1c. per gallon on the same day, making the price 9½c. per gallon, or only ½c. per gallon over the tankcar price. Prices in New York were unchanged.

Rubber Solvents.—The call for shipments from the rubber tire manufacturers continued light. The tankcar price situation in the Midcontinent continued unchanged at 7⅜c. per gallon, basis Group 3.

Stoddard Solvent.—There was no change in the price at the Eastern refinery points and the Midcontinent refinery market seemed steady, holding the recently regained position of 6⅞c. per gallon, for tankcar lots, basis Group 3.

V. M. & P. Naphtha.—The reduction in prices for petroleum thinners did not have any visible influence on the position of this market. The demands of the consuming trade were light. The Midcontinent market was also unchanged, holding at the 7⅜c. per gallon basis for tankcars.

Markets at Other Centers

Chicago, Dec. 2.—Business is good in petroleum solvents and diluents, with some little irregularity noted, however. Cleaners' naphtha has been in better demand recently. Prices are holding about unchanged. Inquiry is reported fair. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphthas, 4¼c. to 4½c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 17.2c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 15.9c., tankwagon; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 18.2c., tankwagon.

Tulsa, Dec. 2.—Solvents were quiet although cleaners' naphtha was slightly more active. The low operating rate of manufacturing plants is restricting trading. Quotations for all grades were unchanged.

Lighter Fractions

The period under review was routine. Light hydrocarbon fractions in the field of gaseous solvents were moving into consumption in very routine fashion and the prices quoted for these materials have been without change for some time. The recent weakness in natural gasoline prices has not influenced the position of these materials.

Butanes.—There has been no change in the position of this material. Sellers continued to quote 2¼c. to 3¾c. per gallon for tankcar quantities, according to the number of cars used per month, f.o.b. Group 3.

Octanes.—The market held a position of steadiness that has become more or less characteristic to the market. Tankcars at Group 3 were priced at 10c. per gallon.

Pentanes.—The quotations named by leading suppliers of this material have not changed for some time. Latest reports indicate that the demands of the market were quite light.

Petrolatums and Waxes

White Mineral Oils.—The market's appearance was little different from a week ago. There was not much interest shown by the consumers and the bottlers of U.S.P. oil were not drawing much oil against their contracts. The prices were reported to be holding well.

Paraffin Waxes.—The scale wax market continued in an unchanged position. Quotations for 122-124 A.m.p. were kept at 2.95c. per pound albeit there were some offerings reported at 2.90c. per pound; 124-236 A.m.p. wax was quoted at 3c. and available in some directions at 2.95c. per pound. There was not much interest from either domestic or foreign buyers. The fully refined wax market was unchanged and received very little buying attention.

CHICAGO, Dec. 2.—Refined wax business continued quite good. Orders have not slackened to any appreciable extent, and inquiries remain brisk. Sellers report little difficulty in obtaining quoted prices for the general run of sales. Ruling prices are:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA.—Quotations for scale wax continue fairly firm with most of the trading at 3c. per pound for the 124-26 American crude. However, some sales were reported at 2.85c. per pound.

Petrolatum.—According to opinion around the market the latest cut in Pennsylvania crude costs may affect the selling price of the white grades, but was not likely to have any influence on the amber grades. The latter have been selling very close to cost throughout the year. Supplies of snow white are now better than they have been for some months back, and if any reflection of the lowered cost of crude is seen it is likely to take place in snow white, and perhaps other white grades, according to the view taken by some of the sellers last week.

Fuels and Lubricants

A little colder weather gave a long-awaited stimulus to the movement of fuel oil, but the gallonage moved out of the heavily laden storage tanks last week was not sufficient to make much of an impression on the oversupplied market and did not give the market anything in the way of a stronger appearance. However, refiners believed that another week or so of snappy weather would go far in strengthening things. Gasoline was slower here, and export prices at the U. S. Gulf were lower. Pennsylvania cylinder oils moved down, following the slash in crude oil prices Wednesday.

Market Conditions

Gasoline.—The local bulk market continued in an unchanged position, with 7¼c. per gallon named for U. S. motor in tankcar lots, basis refinery. The demands from jobbers and consumers were not so lively last week as they were in the preceding week. The tankwagon price structure in the Eastern sector of the country was without important change. The export market at the U. S. Gulf was lower, with reductions of ⅜c. to ½c. per gallon reported. Latest export quotations at the Gulf were as follows:—U. S. motor, 5¼c. per gallon; 60-62, 390 e.p., 5⅜c. per gallon; 60-62, 400 e.p., 5¾c. per gallon; and 64-66, 375 e.p., 5⅜c. to 5½c. per gallon.

Kerosene.—There was a livelier interest in the market last week, although there was plenty of room for improvement, according to some of the refiners. The prices for 41-43 water white material in tankcars continued around 6¼c. per gallon, basis refinery. There was no change in the position of the export market at the Gulf, and quotations were 5½c. per gallon for water white and 5¼c. per gallon for prime white.

Fuel and Gas Oils.—Weather conditions gave the market for fuel oils a little stimulus last week. Oils used for domestic heating were moving faster, although not in such gallonage as to make any dent in the heavy storage of oil here. Industrial demands were light. Bunker C oil continued in an unchanged position, although the market was not overly strong.

Lubricating Oils.—Pennsylvania cylinder oils moved down sharply following the crude oil price cut. New prices, including Federal tax, were as follows:—600 s.r., 12c. per gallon; 600 flash, 16c. per gallon; 630 flash, 15c. per gallon; 635 s.r., 13½c. per gallon; 650 s.r., 16c. per gallon; and Warren E, 17c. per gallon. There were no changes reported in bright stocks or neutral oils.

Crude Oil Price Changes

Pennsylvania

The Joseph Seep Purchasing Agency of the South Penn Oil Company reduced posted prices on Pennsylvania crudes 15c. to 18c. per barrel, December 1. Corning grade was unchanged at $1.27 per barrel. Other grades were reduced to the following levels:—Bradford-Allegany, $2.20 per barrel; Penn grade in New York Transit lines, $2.20 per barrel; Penn grade in South West Penn lines, $1.88 per barrel; Penn grade in Eureka lines, $1.82 per barrel, and Penn grade in Buckeye lines, $1.70 per barrel.

The Pennzoil Company lowered the price of lower district Pennsylvania grade 15c. per barrel, December 1, to the basis of $2.10 to $2.15 per barrel.

Markets at Other Centers

Tulsa, Dec. 1.—Trading in refined oils in the Midcontinent slowed down somewhat because of climatic conditions. The contra-seasonal temperatures throughout the northern tier or states has restricted consumption of burning oils which is of dominating interest at this time. The above seasonal temperatures, while retaining a fair level of gasoline consumption, nevertheless, have made buyers cautious, fearing a sudden curtailment as a result of possible changes which would impede motoring. Consequently, trading in motor fuels has also been dull.

The market position of the various products is practically unchanged. There is a sufficient supply of motor fuels coming into the market to satisfy the demand and the substantial volume is still moving at the low prices recently quoted despite the fact that a number of refiners continue to refuse deliveries below 4c. The continuance of low prices, however, has brought integrated companies into the market and a larger volume was taken by these interests this week as curtailment of throughput continued.

The natural market remained fairly active, however, there was a noticeable

Outputs and Quotas

A comparison of Bureau of Mines calculations for December production, State allowable quotas where they exist and the American Petroleum Institute's estimate of crude production for the week ended November 27 follows:—

	B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	598,000	575,000	567,800
Kansas	189,700	180,215	179,300
Texas 1,413,300	1,354,143	1,321,950	
Louisiana ..	246,200	253,150	242,700
Arkansas ...	33,100	.....	45,450
Eastern	124,900	.....	134,150
Michigan ...	47,400	.....	54,900
Wyoming ...	56,300	.....	55,600
Montana	17,100	.....	15,000
Colorado	4,500	.....	4,200
New Mexico.	104,800	104,800	104,850
California ..	674,600	*674,600	700,500
Totals 3,509,000		.....	3,425,800

* Recommendation of Central Committee of California Oil Producers.

The State of the Petroleum Market

Bradford-Alleghany and other Pennsylvania grade crudes except Corning, were reduced 15c. to 18c. per barrel December 1. Gasoline was unchanged here and in the Southwest.

	Dec. 3	Nov. 26	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.322	$1.337	$1.276
Gasoline prices at refineries (at four refining centers) per gallon.....	.0525	.0525	.0534375

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

SHERWOOD'S WHITE OILS
GUARANTEED QUALITY — ALL GRADES
SHERWOOD PETROLEUM COMPANY, INC.
REFINERY — WARREN, PA. MAIN OFFICE — BUSH TERMINAL, BROOKLYN, N. Y.

NEUTROLEUM
ALPHA . . . GAMMA
Aromatic concentrates that neutralize and perfume. For use in fly sprays and all other preparations based on Petroleum distillates.
Write for detailed information
FRITZSCHE Brothers, inc.
315 WEST 8TH STREET LOS ANGELES, CAL. PORT AUTHORITY COMMERCE BLDG. 76 NINTH AVENUE, NEW YORK, N. Y.
Proprietors of PARFUMERIES de SEILLANS Seillans, France 119 WEST OHIO ST. CHICAGO, ILL.
FRITZSCHE BROTHERS, of Canada, Ltd., 77-79 Jarvis St., Toronto, Canada

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1937 Jan. 1-Dec. 5	1936 Jan. 1-Dec. 5
Commercial crude oil production	1,176,009,000	992,488,000
	Week ended Dec. 5, 1937	Week ended Dec. 6, 1936
Daily average production	3,413,800	2,999,000
	Week ended Nov. 27, 1937	Week ended Nov. 20, 1937
Estimated motor fuel stock total	68,544,000	67,661,000
Estimated finished motor fuel stock at refineries	38,734,000	38,044,000

change in the character of the trading. Instead of large orders coming into the market as was found during the past two or three weeks, there were a greater number of smaller orders which provided approximately the same total volume. Apparently the requirements of the large buyers have been satisfied for the time being.

The curtailment in refinery operations continued throughout the Mid-Continent region as the demand for crude oil appeared to be smaller than at any time during this season. The fixing of the allowables by the various states at a new low level of production, however, was considered another step in tightening up the crude oil supply and bringing firmness into the market of raw material. Following are quotations for the various products traded in the Mid-Continent field of group 3 prices.

GASOLINE.—Most of the trading in the U. S. motor grade, which is the weakest, is being effected at 3¾c. to 3⅞c. while the next active grade 67-69 ranges from 4⅝c. to 4⅞c. and the top grade 70-72 4¾c. to 5¼c. The 68-70 gravity 360 end point is quoted at 5c.

NATURAL GASOLINE.—Quotations for all products are firm with the good volume of trading with Oklahoma and Texas on a parity. The 26-70 grade is selling at 3¾c. 22 pound 4⅛c. to 4½c.; 18 pound 4½c. and 14 pound at 5c. per gallon.

KEROSENE.—This product is also firm as a number of the refiners are holding their quotations for the 41-43 grade at 4c. to 4⅛c. per gallon and the 42-44 4⅛c. to 4¼c. per gallon. The movement is light.

DISTILLATES.—Quotations are still very strong despite lower movement than anticipated. Most refiners look for a buying spurt in early future and continue to quote No. 1 prime white 4c. to 4⅛c. per gallon, No. 1 straw 3⅞c. to 4c. per gallon while No. 2 straw 32-36 is 3⅝c. to 3⅞c. per gallon and zero gas oils 3½c. to 3⅞c.

FUEL OIL.—Offerings of the heavy grades below 15 degree gravity are softening the market. Considerable quantities of the residual have been offered at 65c. per barrel. Other fuels remain unchanged. The 24-28 is quoted at $1.07½, while the high cold test is 90c. per barrel.

Chicago, Dec. 2.—Despite some continuing irregularity, tankcar gasoline prices have shown additional tendency toward stabilization, it is felt by numerous market observers. Consumption has felt the restricting hand of unfavorable weather in the last few weeks, but despite this, November has been a good gasoline month for this time of year. Jobbers are keeping stocks low. There is good inquiry for the better grades of heating oils, and prices are moving a shade higher irregularly. Heavy fuel oils continue to be slow and weak. Industrial gas oils are still tight. Lubricants have been weakened by the new eastern crude cut.

GASOLINE.—Low octane motor, 4⅛c. to 4⅜c. per gallon; 63-66 octane, 4½c. to 4¾c.; 67-69 octane, 4⅞c. to 5⅛c.; 70-72 octane, regular, 5⅛c. to 5½c.; 60-62, 400, 4½c. to 4⅜c.; 64-66, 375, 4¾c. to 5⅛c.; 68-70, 360, 5⅛c. to 5⅜c.

KEROSENE.—42-44, water white, 4¼c. to 4½c. per gallon; 41-43, water white, 4c. to 4¼c.

FURNACE OILS.—No. 1 white, 4c. to 4⅛c. per gallon; No. 1 straw, 3⅞c. to 4c.; No. 2 straw, 3¾c. to 3⅞c.; No. 2 dark, 3½c. to 3¾c.; No. 3, 3⅜c to 3⅝c.; 32-36, dark, industrial gas oil, 3c. to 3⅛c.

FUEL OILS.—No. 4, $1.10 to $1.15 per barrel; No. 5, 82½c. to 90c.; No. 6, 75c. to 82½c.

New Orleans, Nov. 30.—Firmness was the keynote of the domestic market during the past week, with no change in previous price quotations. Foreign inquiries and exports were good. U. S. motor gasoline was quoted at 5¾c.; U. S. motor below 62 octane at 5¾c.; 63-67 octane at 6c. and 68-70 octane at 6½c.—all prices being on a per gallon basis at refinery.

The price of kerosene remained unchanged at 7⅜c. per gallon at refinery.

Bunker C fuel oil continued to be quoted at 95c. per barrel at terminal and $1 per barrel delivered alongside. Industrial plants in this vicinity were quoted on this grade at $1.46 per barrel, delivered.

Oil Conference Raises Antitrust Act Question

WASHINGTON, Dec. 1, 1937.

The announcement by Governor E. W. Marland, Oklahoma, that he is calling a conference of the governors of oil-producing States to "talk about prices" does not concern the Department of Justice, according to a statement by Homer S. Cummings, Attorney-General of the United States.

When asked at his last press conference whether Governor James V. Allred of Texas was correct in refusing the invitation on the basis that any such conference would be in violation of Federal antitrust laws, the Attorney-General refused to take a stand on a "hypothetical" question, but said: "As Governor Marland says, there is no law violation by the States in discussing prices."

Should the price of crude oil be fixed as a result of any conference of State governors, it would present a unique situation as far as the antitrust laws are concerned. The question would be whether a governor in using his gubernatorial authority to fix a price would be violating the Federal antitrust statutes as an individual. Government attorneys and officials will make no comment on this phase of the question other than to say that there never has been, insofar as they can recollect, any parallel case handled by the government in recent years.

Cincinnati P.V.L.A. Lauds National Convention Success

The Cincinnati Paint, Varnish and Lacquer Association turned its November meeting into a "Victory Dinner" in recognition of the recent successful convention of the National Paint, Varnish and Lacquer Association. E. A. Foy, jr., chairman, and J. A. Owens and George E. Todd, of the committee on arrangements and entertainment for the national meeting, were presented with smoking stands by their fellow-members, in appreciation of their labors which contributed so greatly to the success of the national meeting.

E. J. Bradley, president of the Cincinnati association, at the meeting announced the committees to serve for the coming year. They will have the following chairmen:—Trade promotion, and paint jobbers, Art Winstel; arbitration, George Schneider; tariff, and legislation, W. G. Crawford; credit and collection, T. J. McConnell; workmen's compensation, C. J. Forester; quotations, B. H. Roettker; trade sales, F. J. Derrick, and industrial sales, J. G. Morris.

Paint Credit Group Nominates

The Paint and Allied Industries Credit Association, at its November meeting, nominated the following for officers and directors, to be voted on at the first meeting in January:—For president, Martin B. Weinstock, of the M. J. Merkin Paint Company; first vice-president, Victor Isaacs, of the Central Paint & Varnish Works; second vice-president, William J. Lang, of the Devoe & Raynolds Company; treasurer, Leonard L. Lyons, of the F. O. Pierce Company; directors, John C. Ball, of the M. Ewing Fox Company; Theodore H. Kleine, of the Hilo Varnish Corporation, and Paul Knappen, of the Eagle-Picher Sales Company.

Lever-Unilever Merger Sanctioned by Cour

LONDON, Nov. 16, 1937.

A petition to sanction a plan of a rangement and amalgamation betwee Unilever and Lever Brothers, Ltd., an to confirm a reduction of the capit of Lever Brothers from £130,000,000 £117,000,000 has just been sanctione by Justice Gavin Simonds in the Char cery Court here.

It was explained that the object amalgamation was to increase the eff ciency of the companies as well as simplify their capital organization. Th reduction of the capital of Lever Broth ers is being effected because Unileve has a large holding of stock in Leve Brothers, and it is proposed, on th amalgamation taking effect, to cance the stock in Lever Brothers held b Unilever.

Lever Brothers is to purchase all th assets of Unilever as from Decembe 31, 1936. The purchase price is £26, 356,084, which is to be satisfied by th allotment to the holders of the 7 per cent and 5 percent cumulative prefer ence stock, ordinary and deferre stock in Unilever of correspondin stock of the same class in Leve Brothers.

Unilevers' holding of stock in Leve Brothers, which is £13,000,000, is to b cancelled, this involving the propose capital reduction. The capital of Leve Brothers is then to be increased so a to provide for the necessary issue o shares to the stockholders in Unileve to carry out the purchase.

Unilever N. V. is offering holders o 6 percent cumulative preferred A an 6 percent profit sharing cumulativ preferred B and C shares of Anto Jurgens Vereenigde Fabrieken, an holders of 6 percent profit sharin cumulative preferred shares of Hol landsche Vereeniging Tot Exploitati Van Margarinefabrieken, both of whic are subsidiary companies, the right t exchange their stock into 6 percen cumulative preferred of Unilever N. V The stock to be issued will be entitle to half of the 1937 dividends and wil have all other rights that the 5 percen and 7 percent preferred issues have.

Whaling Agreement Is Signed by South Africa

The South African government ha withdrawn its objection to ratifying th international whaling agreement, as result of which South Africa auto matically becomes one of the signa tories.

The agreement for the regulation o whaling in all waters was signed i London in June by representatives o the governments of South Africa United States, Argentina, Australia Germany, Britain, Irish Free State New Zealand and Norway. Germany signed it some weeks later. The agree ment was signed subject to ratificatio and in August the South African gov ernment decided not to ratify it.

A closed fishing season, stricter regu lation of the size of whales caught, and prohibition of hunting in certain waters are among the chief provisions of the pact.

Koster Keunen Expands

The Koster Keunen Company, bees wax bleacher, Sayville, Long Island, re ports completion of facilities for in creased capacity at its plant, which now has a sun bleaching capacity of 100,000 pounds of beeswax, making this the largest plant of its kind in the world it is said. The company was established in 1930 by members of the firm of Kos ter Keunen, beeswax bleacher, of Aalst Holland, which was started in 1856. The Kuhne-Libby Company, specialists i white oils, synthetic waxes, and othe products, this city, is the company' agent for the entire United States, with the exception of the Middle West which is covered by the Walter H. Jelly Com pany, Chicago.

Petroleum Freights Reduced

The New York Public Service Com mission has approved new commodit freight rates as follows:—

Of the New York Central East, an West Shore railroads, on petroleum an petroleum products; as specified, and a carload minimum weight; and petroleu gas, liquified; tankcars; between Alban and Rensselaer, between Troy or Gree Island and Albany or Rensselaer, and fro Albany and Rensselaer to Cohoes, $1.1 reduction 20 cents, per net ton; effectiv December 17.

Fertilizer Materials

Dullness Continues as Farm Bill Is Debated in House and Senate —Organics Drift Lower—Sulphate Production Reduced

While the farm bill was under debate in the House and Senate last week, fertilizer manufacturers and mixers gave very little attention to the agricultural chemicals market. Furthermore, there is no improvement expected until after the turn of the year. Mixing operations have been started in some plants but most of the producers of mixed goods will not get under way until January.

There were no important price movements in the fertilizer materials market during the week under review. Some of the organics were a little cheaper as the holders sought to liquidate their supplies but there was not much of a buying response from the fertilizer buyers or the feeders.

The decreasing production of sulphate of ammonia was shown by the October statistics on by-product coke operations. The ammonia sulphate equivalent of by-product ammonia produced during October was smaller than for any month since August, 1936. The October output was 9 percent smaller than September, which in turn was 3 percent smaller than August.

The potash market was as quiet as it had been for some weeks back. The deliveries against contracts that were placed earlier at the discount prices constituted the only activity.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Blood, dom., Cricago, 35c. per unit-ton.
New York, 10c. per unit-ton.
import., 5c. per unit-ton.
Bone, dom., Chicago, all grades, $1 to $2 per ton.
import., 3 & 50, 25c. per ton.
1 & 65-70, 50c. per ton.
Nitrogenous material, dom., Western, 5c. per unit-ton.
import., 10c. per unit-ton.
Tankage, dom., Chicago, feed grade, 10c. per unit-ton.
New York, 10c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.7	66.7	66.7	63.6

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—The market contmued within the confines of seasonal dullness. The calls for deliveries against contracts are occasional and the sellers did not expect much activity in the movement of supplies until January. The price situation continued steady at the schedule that extends through the remainder of the season.

Sulphate of Ammonia.—The supply situation is tightening up considerably. In some cases, orders for delivery against contracts were shipped from distant supplying markets because of the shortage of stocks at nearby production points. The latest available statistics on by-product output showed a drop of 9 percent from the preceding month, viz., an estimated production of 62,806 tons in October against 68,990 tons in September, according to the Bureau of Mines estimate from by-product coke operations during those months. The tonnage is represented by the ammonia sulphate equivalent of all forms of ammonia produced. The output in October last year was 63,422 tons. The total output for the first ten months of the year was 683,466 tons, against 563,533 tons in the same period last year. The office of the American commercial attache in Tokio reports that during the course of discussion in the Diet concerning revision of the fertilizer control law the Japanese Minister of Agriculture and forestry furnished figures of production cost of ammonium sulphate in Japan. Average direct production costs in yen per metric ton follow:—Raw materials and electricity, 32.42; manufacturing cost, 14.34; insurance and royalties, 0.59; total business operating expenses, 5.92; packing, handling charges and transportation, 11.05; taxes, 3.08; total, 67.40. No provision appears in the tabulation for interest on investment and depreciation.

Dried Blood.—Prices were marked down at all leading supply centers last week. Imported material was off 5c. per unit to the basis of $3.30 per unit for December shipment. The Chicago market was off sharply with $2.75 per unit named against $3.10 per unit a week ago. Some New York suppliers continued to ask $3.10 per unit but the "going" position of the market was $3 per unit.

Fish Scrap.—The Chesapeake menhaden market was lifeless. So far as could be learned here there were no resale offerings. Car lot quantities of meal could have been bought for around $53 per ton at Baltimore but there was no unground scrap offered. The Japanese sardine meal was held at $46 per ton for shipment with some material available on spot at $45 per ton.

Nitrogenous Material.—The Western market returned to the basis of $2.25 per unit, f.o.b. Carrollville. Imported material was off 10c. per unit with offerings for shipment from abroad at $2.60 per unit, c.i.f. There was very little interest in the market.

Tankage.—The ground material in New York was offered at $2.90 and 10c. per unit-ton, while unground was named at $2.70 and 10c. per unit-ton, both off 10c. from the preceding week. High-grade feeding material in Chicago was 10c. per unit-ton cheaper at $2.75 and 10c. per unit-ton.

Potashes

There is not much that can be said about the market for agricultural potashes these days. There is very little activity reported and there has been practically no new trade for weeks. Of course there is material moving aaignst the contracts placed at the discount prices earlier in the season.

Phosphates

Bone materials were in very light request during the period under review. And there was not much of a spot need for supplies of superphosphate. Some of the foreign and domestic bone products were reported offering at a little cheaper price in an effort to attract the buyers but there was no real buying response noted.

Bone Materials.—Imported 3 and 50 meal was available for $23.75 per ton in 100-pound bags, a reduction of 25c. per ton from the preceding week. Imported 1 and 65-70 in bags was offered at $21.50 per ton, a reduction of 50c. per ton from the price mentioned a week ago. Steamed domestic 1¼ and 60 material in Chicago was $1 per ton cheaper at $18 to $20 per ton; 3 and 50 meal in Chicago was quoted at $20 to $22 per ton, a decline of $2 per ton, and 4½ and 50 bone in Chicago was quoted at $26 to $30 per ton, also a reduction of $2 per ton.

Superphosphate.—The Baltimore market held a steady position at $8.50 per ton for run of pile and $9 per ton for guaranteed 16 percent material, both in bulk.

Sulphur and Pyrites

Deliveries of sulphur against contracts during November were relatively light. Although some material moved into areas where water transportation would likely be impossible when the Winter freeze sets in, the total shipments for the month were no better than those of the preceding month. The price situation continued at the long standing basis of $18 per long ton, f.o.b. mines.

Markets at Other Centers

Atlanta, Dec. 2.—The market for fertilizer materials remains dull. The only activity is the delivery against contracts made earlier in the year. Fertilizer manufacturers seem to be in no hurry to conclude purchases of the remainder of the materials they will need for next season, their attention being centered on what congress is going to do about crop legislation.

Prices of materials are virtually unchanged. Sulphate of ammonia purchased under early contracts has the appearance now of having been a good buy in view of developing scarcity. Holders consider that they have something on which they can realize a profit should their supply be greater than their needs.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—$9.60 per ton, interior producing points.

NITRATE OF SODA.—$27 per ton, port basis.

SULPHATE OF AMMONIA.—$29 per ton, port basis.

COTTONSEED MEAL.—$22 to $23 per ton, interior mills.

BLOOD.—$3.10 per unit, Chicago basis.

TANKAGE.—$2.75 to $2.85 and 10 per unit, Chicago basis.

NITROGENOUS.—$2.25 per unit, Midwest; $2.70 ports.

BONE.—Ground steam 3 and 50, $22 to $23 per ton, Chicago; 4½ and 50, $26 to $30 per ton, Chicago.

Baltimore, Dec. 1.—Pronounced quiet in the market for crude fertilizer materials continued. Some further recessions in the quotations have occurred. The prevailing quotations were about as follows:—

FISH SCRAP.—No unground scrap remains at first hands as a consequence of the inability of the fishing companies to take care of the business booked on a when-and-if-made basis. Some scrap is available at $3.75 and 10c. per unit-ton, but little buying interest can be observed. The fishing season on the Carolina coast is drawing to a close, and $3.50 and 10c. per unit-ton, f.o.b. Carolina ports, is being asked. Menhaden meal in carload lots is held at $53 per ton, and Japanese sardine meal rules at $46 per ton, c.i.f.

TANKAGE.—High-grade ground quoted at $3 and 10c. per unit-ton, with unground at $2.75 and 10c. per unit-ton.

BLOOD.—Last sales noted here were at $3.15 per unit-ton.

SUPERPHOSPHATE.—The price level on this item is quite firmly maintained, though the current needs are not large, and sellers continue to quote run of pile at $8.50 per ton, with 16 percent guaranteed stocks at $9 per ton.

GARBAGE TANKAGE.—This ammoniate is unchanged, with the prevailing figure at $8.50 per ton, c.i.f. shipping point, which makes the price delivered here about $12.50 per ton.

NITROGENOUS MATERIAL.—Nothing occurred during the week to give the market for this item a different aspect, with the figures mentioned generally still around $2.70 per unit.

BONE.—$26 to $27 per ton for 3 and 50 ground steamed; 1 and 60 at $21 to $24 per ton, depending on quality; $29 per ton for 5 and 30, and $35 to $36 per ton for 4½ and 50 ground raw stocks.

Chicago, Dec. 1.—Extreme dullness which has existed in certain divisions of the fertilizer materials for some time has shown a few signs of dissipating recently. In the meantime, prices on representative grades of material have been further depressed. Buying has been mostly along conservative lines in all principal divisions of the business. Buying is along lines of small lots, with buyers asking for early shipment. Blood has been easy. Tankage is little changed. Bone materials have been in moderate demand, prices about unchanged.

BLOOD.—Principal grade, $3.05 to $3.15 per unit of ammonia.

(Continued on page 58)

Drugs, Fine Chemicals

(Continued from page 49)

decline reported in the previous trading period and with raw material lacking further decline, the situation seemed to be getting somewhat firmer.

Pilocarpine. — Hydrochloride was lower at $2.40 to $2.50 per ounce, and nitrate ranged $2.90 to $3. The market was more competitive and supplies appeared to be ample in all respects.

Quicksilver. — Quotations held unchanged but the market was not very active last week and the withdrawal of large buyers was expected to continue at least until after the turn of the year. Competition was still a prominent part of the market.

SAN FRANCISCO, Dec. 1.—Quicksilver continues to rule unchanged, with the market more or less stabilized after dropping to the recently reduced levels. Sellers here report a very light inquiry of late, buyers having no desire to increase their inventories.

Quinine.—No change in general conditions was noted. Demand held to levels about normal and the outlook for trade next year was good, in the main. Sales during the past year were highly satisfactory and business was done on the basis of prices fully stable in all respects.

Rochelle Salt.—The general stability of tartar product prices was undisturbed and while demand was not lively last week, the market kept a firm undertone and competition was said to be well into the background of affairs.

Santonin.—Stocks wherewith to supply the larger demand expected to develop during the Spring period were said to be substantial and at the present time there appeared to be little likelihood that buyers would not be able to cover their needs at attractive prices.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces, small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London are also provided.

	Per ounce Bullion		
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅝	44⅝	19⅛
Monday	32⅝	44⅝	19⅛
Tuesday	32⅝	44⅝	19⅛
Wednesday	32⅝	44⅝	19⅛
Thursday	32⅝	44⅝	19⅛
Friday	32⅝	44⅝	19⅛

Soda Cacodylate. — The market was lower and easier on the basis of $5.50 to $5.81 per pound. Business was comparatively moderate in size and considerable competition worked the values to the distinct advantage of buyers.

Sparteine Sulphate. — The item was available in substantial quantities at the more favorable figure of $1 to $1.05 per ounce and stocks available on the new price basis cared readily for all consuming requirements.

Sugar Coloring. — In quantities, the item could be bought for 70c. per gallon, a price more favorable by 5c. the gallon. Smaller quantities ranged from 75c. to $1.10, according to amount. Raw material was easy.

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AND AMMONIA LIQUOR
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Deposits and Plants: Newgulf and Long Point, Texa

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Fertilizer Materials

Sulphur and Pyrites

(Continued from page 57)

TANKAGE.—High grade, ground, $2.75 to $2.90 and 10c.; low grade, $16 to $18; liquid stick, $2.50 to $2.60; hoof meal, $3.20 to $3.30.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $18 to $20; 3 and 50 percent, $20 to $22; 4½ and 50 percent, $26 to $30; grinding hoofs, pigs' toes and waste horn materials, $37.50 to $40, mostly nominal; junk and hotel kitchen bones, $18 to $20; cattle jaws, skulls and knuckles, $22 to $24; pork cracklings, soft pressed, $35 to $45; beef cracklings, soft pressed, $30 to $35; hard pressed, cracklings, per unit of protein, 55c. to 60c.

San Francisco, Dec. 1.—Although some parcels of animal products like blood and tankage were on the market last week at noticeably cheaper prices and there was a disposition to push California sardine meal at times, nevertheless the crude fertilizer market did not develop much of anything in the way of a feature. Added impetus was given the fish meal situation during the last few days with reports of large tonnages of fish being turned in to the reduction plants and trading was reported as fair at times. The market is just a trifle under the quotation of a week ago, but is on a day-to-day basis. Elsewhere in the chemical fertilizer division trading remained light. There were a few offerings of sulphate of ammonia at resale, but a first-hand seller is reported to be offering east coast material at the old schedule and success in resale is nominal at best.

Ruling prices were:—

NITRATE OF SODA.—100-pound bags, $29 per ton; 200-pound bags, $28.30 per ton; and bulk lots, $27 per ton, all ex vessel San Francisco/Oakland.

SULPHATE OF AMMONIA.—Sellers of Pacific Coast and Canadian production have withdrawn from the market.

AMMONIA PHOSPHATE.—Sellers have withdrawn from the market.

SUPERPHOSPHATE.—Domestic quoted at 75c. to 80c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, quoted at from 80c. to 85c. per unit. Foreign material nominal.

FISH MEAL.—California sardine meal is quoted for delivery from production out of current season at $36 per ton, f.o.b. cars, San Francisco/Monterey, and $38 per ton, f.o.b. cars, production point, Southern California.

TANKAGE.—Domestic packing house tankage, ground, fertilizer grade, quoted at $2.90 and 10c. per unit-ton, f.o.b. cars, Los Angeles. Lower grades, unground, quoted at $2.65 and 10c. Dry rendered, ground, quoted at 65c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 55c.

BONE MEAL.—Domestic and imported steamed bone meal, quoted in range, according to seller and quality, at $25 to $32 per ton, delivered Pacific Coast ports.

BLOOD MEAL.—Domestic, $2.70 per unit, f.o.b. cars, Los Angeles.

Bids Wanted

Acetylene:—440,000 cubic feet as required during the period January 1 to June 30; Superintendent of Lighthouses, Staten Island, N. Y.; procurement 55426, opening December 10.
200,000 cubic feet; U. S. Engineer Office, Fort Peck, Mont.; circular 161, opening December 15.
60,000 cubic feet; U. S. Engineer Office, Louisville, Ky.; circular 219, opening December 13.

Acetylene and Oxygen:—Supplies for various deliveries; U. S. Engineer Office, Vicksburg, Miss.; circular 122, opening December 13.

Acetylene, Oxygen, and Cutting Gas:—Supplies for various deliveries, during the period January 1 to June 30; U. S. Engineer Office, First District, New Orleans; circular 145, opening December 13.

Alcohol for Smokeless Powder:—500,000 pounds for White Plains; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2283, opening December 17.

Ammonia:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-77, opening December 13.

Antiseptic Solution:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-77, opening December 13.

Borax:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-77, opening December 13.

Carbon Dioxide, Liquid:—2,000 pounds; U. S. Engineer Office, Fort Peck, Mont.; circular 163, opening December 17.

Chlorosulphonic Acid-Sulphur Trioxide Solution:—90,000 to 110,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; circular 160, opening December 22.

Diphenylamine:—20,000 pounds for White Plains; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2285, opening December 17.

Enamel, Buff Background:—500 gallons; Superintendent of Industries, U. S. Northeastern Penitentiary, Lewisburg, Pa.; procurement 454, opening December 9.

Flavorings:—Supplies; Superintendent, Federal Industrial Institution for Women, Alderson, W. Va.; procurement 133, opening December 13.

Lard and Lard Substitute:—Supplies; Purchasing and Contracting Officer, Quartermaster Corps, Fort Hamilton, N. Y.; procurement 381-17, opening December 16.
Supplies for various deliveries; Quartermaster Supply Officer, Eighth Corps Area General Depot, Fort Sam Houston, Tex.; procurement 503-93, opening December 13.
Supplies; Contracting Officer, Quartermaster Corps, Fort Riley, Kans.; procurement 735-36, opening December 14.
Supplies; Sales Officer, Fort Meade, South Dakota; procurement 550-10, opening December 17.

Manganese Linoleate:—50,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2303, opening December 21.

Mayonnaise:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-77, opening December 13.

Metal Polish:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-77, opening December 13.

Oxygen:—300,000 cubic feet; U. S. Engineer Office, Fort Peck, Mont.; circular 161, opening December 15.
130,000 cubic feet; U. S. Engineer Office, Louisville, Ky.; circular 219, opening December 13.

Pepper, Black:—24,800 pounds; for eastern and western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2233, opening December 21.

Recoil Oil:—1,000 gallons; Commanding Officer, Rock Island Arsenal, Ill.; circular 334, opening December 7.

Red Lead Dry Pigment:—2,000 pounds; U. S. Engineer Office, Rock Island, Ill.; circular 127, opening December 8.

Red Oxide Zinc Chromate Primer:—725 gallons; Superintendent of Industries, U. S. Northeastern Penitentiary, Lewisburg, Pa.; procurement 454, opening December 9.

Scouring Powder:—Supplies for various deliveries; Quartermaster Supply Officer, Fort Mason, San Francisco, procurement 928-156, opening December 10.
Supplies; Sales Officer, Fort Benjamin Harrison, Indiana; procurement 384-28, opening December 16.
Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-77, opening December 13.

Shaving Cream:—Supplies; Sales Officer, Fort Benjamin Harrison, Indiana; procurement 384-28, opening December 16.

Shoe Polish:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-77, opening December 13.
Supplies; Sales Officer, Fort Benjamin Harrison, Indiana; procurement 384-28, opening December 16.

Soap, Flakes:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-77, opening December 13.
Supplies for various deliveries; Quartermaster Supply Officer, Fort Mason, San Francisco; procurement 928-156, opening December 10.

Soap, Grit:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-77, opening December 13.

Soap, Laundry:—Supplies; Sales Officer, Fort Benjamin Harrison, Indiana; procurement 384-28, opening December 16.
Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-77, opening December 13.
Supplies for various deliveries; Quartermaster Supply Officer, Fort Mason, San Francisco, procurement 928-156, opening December 10.

Soap, Powder:—Supplies for various deliveries; Quartermaster Supply Officer, Fort Mason, San Francisco; procurement 928-156, opening December 10.

Soap, Shaving:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-77, opening December 13.
Supplies for various deliveries; Quartermaster Supply Officer, Fort Mason, San Francisco; procurement 928-156, opening December 10.

Soap, Toilet:—Supplies for various deliveries; Quartermaster Supply Officer, Fort Mason, San Francisco; procurement 928-156, opening December 10.
Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-77, opening December 13.

Spices:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-77, opening December 13.

Spices and Flavorings:—Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis; procurement 801-52, opening December 9.
Supplies for various deliveries; Quartermaster Supply Officer, Fort Mason, San Francisco; procurement 928-156 openi December 10.

Starch, Laundry:—Supplies for various deliveries; Quartermaster Supply Office Fort Mason, San Francisco; procurem 928-156, opening December 10.

Sulphur:—1,280 tons for White Plain Bureau of Supplies and Accounts, Nav Department, Washington; schedule 228 opening December 17.

Tooth Brushes:—Supplies for various deliver ies; Quartermaster Depot, Army Bas Boston, Mass.; procurement 155-77, ope ing December 13.
Supplies; Sales Officer, Fort Benjami Harrison, Indiana; procurement 384-2 opening December 16.

Tooth Paste:—Supplies for various deliver ies; Quartermaster Depot, Army Bas Boston, Mass.; procurement 155-77, ope ing December 13.
Supplies; Sales Officer, Fort Benjami Harrison, Indiana; procurement 384-2 opening December 16.

Tooth Powder:—Supplies for various deliver ies; Quartermaster Supply Officer, Fo Mason, San Francisco; procurem 928-156, opening December 10.

Washing Powder: — Supplies for variou deliveries; Quartermaster Depot, Arm Base, Boston, Mass.; procurement 15 77, opening December 13.

White Lead in Oil:—4,000 pounds; U. S Engineer Office, Rock Island, Ill.; ci cular 127, opening December 8.

Foreign Trade Openings

Correspondence in regard to any o the following foreign trade opportun ities should be addressed to the Burea of Foreign and Domestic Commerc Washington, or to any district or co operating branch office of the bureau and not to this publication. When writ ing, give the number of the item:—

Borax, Pure, Powdered and Granu lated:—Purchase, Cairo, Egypt (4767).

Brushes, Tooth, and Shaving:—Agenc Santiago, Chile (4733).

Drugs, Pharmaceuticals, Cosmetics, Den tal Creams, and Shaving Creams:—Agenc Cairo, Egypt (4767).

Drugs and Chemicals:—Agency, Stock holm, Sweden (4705).

Perfumery, Medicinals, and Petro latum:—Agency, Caracas, Venezue (4709).

Pine Oil Foots:—Purchase, London, En land (4716).

Poisons, Snake and Others:—Purchas Vienna, Austria (4714).

Resins, Synthetic, and White and Re Lead:—Purchase, Stockholm, Swede (4706).

Rosin:—Agency, Panama City, Panam (4717).

Rosin and Turpentine:—Agency, Toront Canada (4715).

Rubber Products, Sponge Rubber, an Synthetic Rubber Parts for Automobi Bodies:—Purchase, Roulers, Belgium (4768

Soaps, Toilet, and Laundry:—Agenc San Juan, Puerto Rico (4718).

Soybean Meal:—Purchase, Bridgetow Barbados (4752).

Sulphate of Ammonia, and Superpho phates, for Fertilizers:—Agency, Johanne burg, South Africa (4702).

Tooth Pastes and Shaving Creams, Pr vate Brands:—Purchase, Winnipeg, Ca ada (4769).

Baltimore Veteran Druggists' Associ tion, at its monthly meeting, observe the birthdays of William Lowry, of G bert Brothers & Co.; Mervin G. Pie pont, of the Loewy Drug Company, an Robert L. Swain, Deputy Food and Dr Commissioner for Maryland, and ea was called upon to relate some interes ing episode in his business life. Hal Allen presided.

Boost your salesmen in...not out! Give them this *plus* feature to talk about: "Shipment in Bemis Waterproof Bags!" These modern containers assure *factory fresh* arrival... reduce damage from moisture, dust, odors and drying out... save on packing and shipping costs. Send for full information and sample bag.

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Greetings and best wishes for Christmas and the New Year

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Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, AMINONAPHTHOLDISULPHONIC — 2 cks, Port Adelaide, Liverpool
CRESYLIC — 47 dms, Monsanto Chem Co, American Shipper, Liverpool
96 dms, 22 tons, 4 cwt, 14 lbs, Tonsbergfjord, Glasgow
110 dms, Port Adelaide, Liverpool
PHOSPHORIC—1 bbl, Continan Shipping Co, American Trader, London
STEARIC—75 bgs, Binney & Smith Co, Black Osprey, Rotterdam
1 pkg, Comer Prod Co, Black Osprey, Rotterdam
ADEPS LANAE—31 bbls, C Tennent Sons & Co, American Shipper, Liverpool
ALCOHOL, DENAT—244 dms, C P Chem Solvent, Ponce, San Juan
ALOE—25 cs, Amor, Curacao
ALUMINUM, POWD—4 cs, Bryant & Heffernan, Europa, Bremen
ANGELICA ROOT — 3 cs, R C Cockburn, American Trader, London
ARROWROOT—900 bbls, 500 bgs, Morningstar Nicol, Gunvor, St Vincent
400 bbls, 400 bgs, Morningstar Nicol, Nerissa, St Vincent
ARTIST'S MATERIAL — 5 cs, Gallagher & Ascher, London Exchange, Rotterdam
4 cs, Winsor & Newton, American Trader, London
ASBESTOS—800 bgs, Asbestos, Ltd, Exchange, Limassol
ASPHALT—330 bgs, A V Berner & Co, Seatrain New York, Havana
BALSAM—1 cs, Tombarel Prod Corp, Exochorda, Marseilles
5 cs, W R Grace & Co, Quirigua, Cristobal
10 cs, Magnus, Mabee & Reynard, Santa Paula, La Libertad
BANANA POWDER—20 bgs, Sanib Corp, Platano, Porto Cortes
BARYTES—1,102 bgs, Wishnick-Tumpeer, Alberta, Venice
3,810,000 kilos, Ore & Chem Corp, Bilderdijk, Rotterdam
BAUXITE, CRUDE — 1,400 tons, Aluminum Union, Ltd, Gunvor, Georgetown
BELLADONNA LEAVES—15 bls, J L Hopkins & Co, Alberta, Fiume
BONES—1 car, Geck Trading Corp, Seatrain New York, Havana
BRISTLES—1 cs, European Brush Importing Co, Europa, Bremen
2 bbls, Draeger Shipping Co, London Exchange, Rotterdam
9 cs, Globe Shipping Co, New York, Hamburg
12 cs, J Henry Schroeder Banking Corp, Andania, London
29 cs, Andania, London
7 cs, American Trader, London
BRONZE POWDER—1 cs, B F Drakenfeld & Co, Europa, Bremen
3 cs, Phoenix Shipping Co, Manhattan, Hamburg
BUTYL ACETATE RECINOLEATE—5 dms, Commercial Solvent Co, Port Adelaide, Liverpool
CADMIUM METAL—5 cs, E Offenbacher, London Exchange, Rotterdam
CALCIUM, METALLIC—10 cs, C Hardy, Independence Hall, Havre
TARTRATE — 112 bgs, Ionian Bank, Exochorda, Piraeus
CARAWAY SEED—50 bgs, London Exchange, Rotterdam
100 bgs, M Witsenburg, London Exchange, Rotterdam
CARDAMOM—88 cs, Brown Bros-Harriman Co, City of Bath, Colombo
CASCARILLA BARK—8 bls, Cohen & Co, Munargo, Nassau
CASSIA BARK—4 cs, R C Cockburn, American Trader, London
JUICE—16 dms, Fritzsche Bros, Exochorda, Marseilles
CHALK, BLOCK — 1,530,000 kilos, Taintor Trading Co, Independence Hall, Dunkirk
PRECIPITATED — 120 bgs, H J Baker & Bros, Port Adelaide, Liverpool
CHAMOIS SKINS—5 cs, Chase National Bank, Manhattan, Havre
6 cs, American Express Co, Manhattan, Havre
CHAMOMILE FLOWERS—40 cs, P H Petry & Co, Vulcania, Trieste
CHEMICALS — 1 cs, E Bilhuber, Europa, Bremen
18 bbls, Europa, Bremen
7 bbls, W R Keating & Co, Manhattan, Hamburg
25 cks, Stanley Doggett, London Exchange, Rotterdam
11 cks, General Dyestuff Corp, London Exchange, Rotterdam
9 cks, A Hurst & Co, London Exchange, Rotterdam
10 cs, Geo Lueders & Co, New York, Hamburg
100 bbls, American Cyanamid & Chem Co, New York, Hamburg
28 cks, 1,016 bgs, Advance Solvents & Chem Co, New York, Hamburg
20 cks, General Motors Export Div, New York, Hamburg
7 cs, Schimmel & Co, New York, Hamburg
11 cs, Pfaltz & Bauer, New York, Hamburg
25 dms, New York, Hamburg
63 carboys, International Sales Corp, Tonsbergfjord, Antwerp
4 cs, Lo Curto & Funk, Queen Mary, Southampton
4 cks, Philip Bauer Co, Black Osprey, Rotterdam
154 bgs, American Fluoride Corp, Black Osprey, Rotterdam
20 cks, American Cyanamid & Chem Co, Black Osprey, Rotterdam
6 cs, 2 cks, Mallinckrodt Chem Works, Lafayette, Havre
17 cs, E Fougera & Co, Lafayette, Havre
CINCHONA PRODUCTS—100 dms, R W Greeff & Co, London Exchange, Rotterdam
CLAY—318 cks, A Hurst & Co, London Exchange, Rotterdam
50 bgs, L A Salomon & Bros, New York, Hamburg
COALTAR—1 cs, Ruberoid Co, American Trader, London
DERIVATIVES—23 cks, General Aniline Works, London Exchange, Rotterdam
23 cks, General Aniline Works, Black Osprey, Rotterdam
INTERMEDIATES—19 cks, General Dyestuff Corp, Europa, Bremen
24 dms, General Aniline Works, London Exchange, Rotterdam
6 cks, 1 cs, 61 dms, General Dyestuff Corp, London Exchange, Rotterdam
1 cs, General Dyestuff Corp, New York, Hamburg
2 cks, Sandoz Chem Works, New York, Hamburg
COALTAR, INTERMEDIATES—16 dms, General Aniline Works, Black Osprey, Rotterdam
PRODUCTS—10 cs, Allondon S A, New York, Hamburg
COBALT METAL—25 cs, Central Trading Co, Alex Van Opstal, Antwerp
OXIDE, BLACK—94 cks, Central Trading Corp, Alex Van Opstal, Antwerp
COCOA BEANS—745 bgs, Wood & Selick, Gunvor, Port Spain
39 bgs, Lopez & Mangual, Lara, Maracaibo
200 bgs, Machado & Co, Lara, La Guaira
1,822 bgs, Cie Francaise del Afrique Occid, West Irmo, Accra
275 bgs, West Irmo, Winnebah
800 bgs, Paterson, Zochonis Co, West Irmo, Takoradi
81 bgs, Cie Francaise del Afrique Occid, West Irmo, Takoradi
24,753 bgs, Balfour, Guthrie & Co, West Irmo, Accra
8,266 bgs, Balfour, Guthrie & Co, West Irmo, Winnebah
1,600 bgs, Balfour, Guthrie & Co, West Irmo, Takoradi
782 bgs, Fruit Dispatch Co, Quirigua, Havana
140 bgs, W & A Leaman, Amor, Curacao
24 bgs, Mecke & Co, Oranje Nassau, Curacao
1,248 bgs, Balfour, Guthrie & Co, New Columbia, Addah
315 bgs, Barclay Bank, New Columbia, Accra
584 bgs, Balfour, Guthrie & Co, New Columbia, Accra
531 bgs, Balfour, Guthrie & Co, New Columbia, Winnebah
2,585 bgs, Balfour, Guthrie & Co, New Columbia, Takoradi
750 bgs, Buenaventura, South American Ports
500 bgs, Curacao Trading Co, Ponce, Puerto Plata
75 bgs, Royal Bank of Canada, Ponce, Puerto Plata
250 bgs, Carr Bros, Ponce, Puerto Plata
1,185 bgs, Curacao Trading Co, Ponce, Sanchez
197 bgs, Gillespie & Co, Ponce, Sanchez
250 bgs, Wessel, Kulenkampf & Co, Almena, San Pedro
982 bgs, Machado & Co, Almena, Sanchez
300 bgs, Curacao Trading Co, Almena, Sanchez
141 bgs, Gillespie & Co, Almena, Sanchez
500 bgs, Schutte & Focke, Almena, Sanchez
50 bgs, Royal Bank of Canada, Almena, Puerto Plata
242 bgs, Porcella, Vicini & Co, Almena, Puerto Plata
300 bgs, Machado & Co, Caracas, La Guaira
500 bgs, Wood & Selick, American Legion, Port Spain
300 bgs, Philadelphia Natl Bank, American Legion, Port Spain
COCONUTS—880 bgs, 88,000 lbs, General Foods Corp, Gunvor, St Lucia
700 bgs, 70,000 lbs, General Foods Corp, Gunvor, Roseau
50 bgs, 5,000 lbs, Gunvor, Roseau
250 bgs, 25,000 lbs, Standard Fruit & S S Co, Amapala, La Ceiba
500 bgs, 50,000 lbs, Lundt & Co, Haiti, Kingston
700 bgs, 70,000 lbs, Far Eastern Manufacturing Co, Haiti, Kingston
425 bgs, 42,500 lbs, Universal Import & Export Co, Haiti, Kingston
5,166 bgs, 516,600 lbs, General Foods Corp, Haiti, Kingston
55 bgs, 5,500 lbs, J Simon & Co, Angelina, Mayaguez
173 bgs, 17,300 lbs, I L Toledano Corp, Angelina, Mayaguez
77 bgs, 7,700 lbs, I L Toledano Corp, Angelina, San Juan
812 bgs, 81,200 lbs, General Foods Corp, Angelina, San Juan
1,435 bgs, 143,500 lbs, Manufacturers Trust Co, Calamares, Kingston
80 bgs, 8,000 lbs, Coamo, San Juan
750 bgs, 75,000 lbs, I L Toledano Corp, Buenaventura, Cristobal
340 bgs, 34,000 lbs, Lundt & Co, Almena, Sanchez
1,515 bgs, 151,500 lbs, Durkee Famous Foods, Nerissa, Trinidad
549 bgs, 54,900 lbs, Durkee Famous Foods, Nerissa, St Vincent
655 bgs, 65,500 lbs, General Foods Corp, Nerissa, St Lucia
COLCHICUM SEED — 31 bgs, Vulcania, Dubrovnik
COLORS—56 cks, 18 pkgs, Fulton Dye & Import Co, Lafayette, Havre
DRY—3 cks, Ozalid Corp, London Exchange, Rotterdam
10 cks, Stanley Doggett, American Trader, London
1 dm, American Trader, London
EARTH—5 cks, T H Deutz, London Exchange, Rotterdam
ENAMEL—1 cs, B F Drakenfeld & Co, Europa, Bremen
PIGMENT—9 jugs, General Dyestuff Corp, London Exchange, Rotterdam
CORIANDER SEED—300 bgs, I Harrison & Whitney, Examiner, Casablanca
CORK—61 bls, Armstrong Cork Co, Exochorda, Marseilles
32 bls, Cork Import Co, Exochorda, Marseilles
23 cs, Cork Import Co, Lafayette, Havre
VIRGIN—140 bls, Examiner, Casablanca
14 bls, Examiner, Lisbon
WASTE—500 bls, H Suhl, Giulia, Algiers
535 bls, Manufacturers Trust Co, Giulia, Lisbon
559 bls, National City Bank, Examiner, Lisbon
WOOD—200 bls, H Suhl, Giulia, Algiers
25 bls, Giulia, Lisbon
150 bls, Wicander & Co, Examiner, Lisbon
CORNSILK—39 bls, J L Hopkins & Co, Vulcania, Trieste
CRESOL—10 kgs, Monsanto Chem Co, American Shipper, Liverpool
CUTTLEFISH BONES — 258 cs, Exochorda, Marseilles
800 cs, Alberta, Palermo
DEXTRIN—60 bgs, Morningstar Nicol, London Exchange, Rotterdam
DRAGONS BLOOD—3 cs, American Trader, London
DRUGS, CRUDE—35 cs, Central Hanover Bank Trust Co, Andania, London
DUTCH METAL—2 cs, B F Drakenfeld & Co, Europa, Bremen
DYES, ALIZARIN—14 cks, General Dyestuff Corp, Europa, Bremen
12 dms, 14 jugs, 77 cks, General Dyestuff Corp, London Exchange, Rotterdam
DYES, ANILIN—18 cks, 1 cs, General Dyestuff Corp, Europa, Bremen
17 kgs, Carbic Color & Chem Co, Europa, Bremen
10 cs, Carbic Color & Chem Co, Manhattan, Hamburg
2 cs, 211 dms, 5 jugs, 127 cks, Carbic Color & Chem Co, London Exchange, Rotterdam
17 cks, 1 cs, General Dyestuff Corp, New York, Hamburg
22 dms, Sandoz Chem Works, New York, Hamburg
4 cks, Ciba Co, Port Adelaide, Liverpool
4 cks, Geigy Co, Port Adelaide, Liverpool
10 dms, L & R Organic Prod Co, Queen Mary, Southampton
37 pkgs, Carbic Color & Chem Co, Lafayette, Havre
25 pkgs, Ciba Co, Lafayette, Havre
DYEWOOD CUTTED—3 bgs, S B Penick & Co, Vulcania, Trieste
10 bgs, Peek & Velsor, Vulcania, Trieste
EPHEDRINE—1 cs, S B Penick & Co, American Trader, London
FAT, VEGETABLE—5 kgs, E Fougera & Co, American Trader, London
FENNEL SEED—60 bgs, Norfolk, Bombay
FENUGREEK SEED—250 bgs, S B Penick & Co, Examiner, Casablanca
FERTILIZER, CHEMICAL—80 bgs, Niebrugge & Day, American Trader, London
20 bgs, R W Wehling Co, American Trader, London
FILTER COMPOUND — 100 bls, Manhattan, Hamburg
MASS—2 cs, Aug Giese & Son, New York, Hamburg
PAPER—15 cs, New York, Hamburg
16 cs, H Reeve Angel & Co, Andania, London
109 bls, 5 cs, J Manheimer, Queen Mary, Southampton
FISHBERRIES—60 bgs, S B Penick & Co, Norfolk, Bombay
FLAXSEED — 620 bgs, 1,364 bu, Archer-Daniels - Midland Co, American Legion, Buenos Aires
917,800 kilos, 36,712 bu, Archer-Daniels-Midland Co, American Legion, Buenos Aires
FLEASEED—20 bgs, J L Hopkins & Co, Exochorda, Marseilles
25 bgs, Peek & Velsor, Exochorda, Marseilles
150 bgs, S B Penick & Co, Exochorda, Marseilles
330 bgs, City of Bath, Colombo
287 bgs, Norfolk, Bombay
FLOWER WATER—10 demij, Tombarel Prod Corp, Exochorda, Marseilles
4 demij, Fritzsche Bros, Exochorda, Marseilles
FLOWERS, MEDICINAL — 32 bls, Peek & Velsor, Exochorda, Marseilles
FULLER'S EARTH—200 bgs, L A Salomon & Bros, Andania, London
FUR WASTE—26 bgs, 20 bls, National City Bank, Tonsbergfjord, London
GAMBIER—425 cs, Silveray, Belawan
GELATIN—100 bgs, Lafayette, Havre
POWDERED—28 bbls, R D McLellan, Black Osprey, Rotterdam
SHEET—8 cs, American Express Co, London Exchange, Rotterdam
25 cs, R D McLellan, Black Osprey, Rotterdam
GINGERIN—4 cs, Orbis Product Corp, Andania, London
GLASS, PLATE—1 cs, Semon, Bache & Co, Manhattan, Hamburg
27 cs, Globe Shipping Co, New York, Hamburg
WINDOW—14 cs, Semon, Bache & Co, Manhattan, Hamburg
40 cs, W J Byrnes & Co, New York, Hamburg
16 cs, Schrenk & Co, Port Adelaide, Liverpool
24 cs, Leo Popper & Sons, Port Adelaide, Liverpool
1,795 cs, Alex Van Opstal, Antwerp
GLAUBER'S SALT—500 bgs, 110,000 lbs, New York, Hamburg
GLUE—10 bgs, G H Hemmel, Port Adelaide, Liverpool
35 cs, Rex & Reynolds, Lafayette, Havre
41 bls, International Selling Corp, Lafayette, Havre
GLYCERIN—1 car, Colgate-Palmolive-Pett Co, Seatrain New York, Havana
GRAPHITE — 797 bgs, J F Starkey & Co, Tampa, Colombo
215 bgs, Asbury Graphite Mills, Tampa, Colombo
333 bgs, Tampa, Colombo
63 bbls, E Faber Pencil Co, Exochorda, Marseilles
100 bbls, Asbury Graphite Mills, City of Bath, Colombo
1,704 bgs, National City Bank, City of Bath, Colombo
GREASE, WOOL—55 dms, Hummel Chem Co, Port Adelaide, Liverpool
GUM—28 pkgs, Chicle Development Co, American Legion, Port Spain
ARABIC — 150 bgs, Paul A Dunkel & Co, Tampa, Port Sudan
200 bgs, Thurston & Braidich, Tampa, Port Sudan
220 bgs, Frank Vliet Co, Norfolk, Port Sudan
CHICLE—1,809 bls, Mexican Exploitation Co, Agwistar, Tampico
COPAL — 178 bskts, Stroock & Wittenberg, Mapia, Macassar
1 cs, H P Winter & Co, Mania, Macassar
DAMMAR—50 bgs, 50 cs, S Winterbourne & Co, Silveray, Batavia
225 cs, G W S Patterson & Co, Mapia, Batavia
225 cs, O G Innes Corp, Mapia, Batavia
200 cs, 50 bgs, Chase National Bank, Mapia, Batavia
25 cs, Mapia, Batavia
300 cs, Thurston & Braidich, Mapia, Batavia
50 cs, Gillespie-Rogers-Pyatt Co, Mapia, Batavia
1 cs, C L Mantell, Mapia, Batavia
26 cs, Mapia, Padang
KARAYA—190 bgs, Paul A Dunkel & Co, Norfolk, Bombay
267 bgs, Frank Vliet Co, Norfolk, Bombay
127 bgs, Innis, Speiden & Co, Norfolk, Bombay
LOCUST BEAN—40 bgs, T M Duche & Sons, London Exchange, Rotterdam
PERILLA—39 bls, Chicle Development Co, Haiti, Puerto Colombia
TRAGACANTH—38 cs, E Meer & Co, Andania, London
YACCA—817 bgs, City of Elwood, Adelaide
GYPSUM ROCK—2,150 tons, National Gypsum Co, Keret, Dingwall
HAWTHORN BERRIES—1 bg, Lo Curto & Funk, Tonsbergfjord, London
HENNA LEAVES—106 bls, Tampa, Port Said
17 bls, Rotenfels, Port Said
HERBS, MEDICINAL—13 bls, S B Penick & Co, Vulcania, Trieste
26 bls, Peek & Velsor, Vulcania, Trieste
100 bls, Vulcania, Trieste
19 bgs, H D Hines, New York, Hamburg
HERBS, MEDICINAL—10 bls, S B Penick & Co, American Trader, London
HOPS—60 bls, Bode & Vogt, Vulcania, Trieste
10 bls, J Sonnenschein Hop Co, Manhattan, Hamburg
2 bls, Karr, Ellis & Co, Manhattan, Hamburg
50 bls, R F Downing & Co, New York, Hamburg
30 bls, J D Smith Co, New York, Hamburg
25 bls, Bode & Voigt, New York, Hamburg
50 ballots, Ludwig Baer, Black Osprey, Rotterdam
ILMENITE SAND—1,440 tons, Norfolk, Colachel
INDIGO—3 chests, Tampa, Madras
INK, PRINTING—10 bbls, New York, Hamburg
IPECAC ROOT—7 bgs, N Brandon Co, Quirigua, Pt Limon
32 bgs, C E Griffin Co, Buenaventura Central Amer Ports
IRISH MOSS—54 bls, Chase Natl Bank, Examiner, Lisbon
25 bls, Peek & Velsor, Lafayette, Havre
35 bls, C H Reisig, Lafayette, Havre
115 bls, S B Penick & Co, Lafayette, Havre
326 bls, Lafayette, Havre
IRON ORE—84 dms, Reichard Coulston, American Shipper, Liverpool
OXIDE—65 cks, E E Marks & Co, London Exchange, Rotterdam
32 cks, 100 bgs, 7 tons, 6 lbs, Landers Segal Color Co, City of Flint, Bristol
25 cks, J A McNulty, American Shipper, Manchester
LAUREL LEAVES—370 bls, Exochorda, Piraeus
LEATHER WASTE—1,139 bgs, Tonsbergfjord, London
LECITHIN—2 bbls, R W Greeff & Co, Black Osprey, Rotterdam
LICORICE PASTE—154 bgs, W E Martin, Exchange Izmir
ROOT—17,563 bls, 2 bgs, MacAndrew & Forbes Co, Rotenfels, Basrah
LIME JUICE—3 hhds, Nerissa, Dominica
LITHOPONE—100 cks, Benj Moore & Co, London Exchange, Rotterdam
LOCUST BEAN—60 bgs, Exochorda, Marseilles
32 bgs, J L Hopkins & Co, Port Adelaide, Liverpool
MACE—50 cs, Knickerbocker Mills Co, Mapia, Padang
5 cs, Nerissa, Grenada
MAGNESIA CALCINED—115 cks, Port Adelaide, Liverpool
CARBONATE—20 bbls, Manhattan, Hamburg
300 cks 50 cs, Schofield-Donald Co, American Shipper, Liverpool
CHLORIDE—12 dms, D C Andrews & Co, Port Adelaide, Liverpool
HYDRATE—30 cs, Schofield-Donald & Co, American Shipper, Liverpool
STEARATE—6 bgs, Yardley & Co, Andania, London
MEDICINAL PREPS—20 cs, Meadows, Wye & Co, Port Adelaide, Liverpool
12 cs, E Fougera & Co, Andania, London
2 cs, Burroughs, Wellcome & Co, American Trader, London
2 cs, W J Bush & Co, American Trader, London
MENTA LEAVES—10 cs, P H Petry & Co, Vulcania, Trieste
MICA—50 cs, City of Bath, Calcutta
116 cs, Otto Gerdau Co, American Legion, Rio Janeiro
4 cs, American Legion, Rio Janeiro
BLOCK—10 cs, Tampa, Calcutta
5 cs, Asheville Mica Co, City of Bath, Calcutta
25 cs, Philadelphia Natl Bank, City of Bath, Calcutta
248 cs, City of Bath, Calcutta
DISCS—1 cs, Tampa, Calcutta
2 cs, City of Bath, Calcutta
FILM—5 cs, Tampa, Calcutta
8 cs, City of Bath, Calcutta
SPLITTINGS—60 cs, General Electric Co, Tampa, Calcutta
83 cs, Tampa, Calcutta
208 cs, E J Cornelis, City of Bath, Calcutta
340 cs, Philadelphia Natl Bank, City of Bath, Calcutta
400 cs, General Electric Co, City of Bath, Calcutta
216 cs, City of Bath, Calcutta
MINERALS—610 bgs, National Lead Co, American Legion, Buenos Aires
MOLASSES—157,168 gls, American Molasses Co, Munargo, Havana
800,000 kilos, W R Grace & Co, Santa Lucia, Salaverry
300 tons, W R Grace & Co, Santa Lucia, Supe
8,044 gls, Boston Molasses Co, Seatrain New York, Havana
118,862 gls, Seatrain New York, Havana
MUD, MINERAL—110 bgs, Leonhardt & Brush, Vulcania, Trieste
MUSTARD SEED—800 bgs, American Trader, London
MYROBALANS—400 bgs, Tampa, Calcutta
2,000 pockets, Tampa, Calcutta
7,360 bgs, Hammond & Carpenter, Norfolk, Bombay
NAPHTHALENE—534 bgs, F B Bertrand, Black Osprey, Rotterdam
NUTGALLS—7 bgs, Peek & Velsor, Vulcania, Trieste
87 bgs, Exochorda, Beyrouth
336 bgs, Bingham & Co, Vito, Shanghai
NUTMEGS—200 bgs, Middleton & Co, Gunvor, Grenada
150 bgs, Thomas Scott & Co, Gunvor, Grenada
215 bgs, H P Winter & Co, Mapia, Padang
625 bgs, Nerissa, Grenada
OCHER—1,000 bgs, J Lee Smith & Co, Exochorda, Marseilles
90 cks, Scott L Libby Corp, Exochorda, Marseilles
OIL, BAY—7 cs, Barclay Bank, Nerissa, Dominica
10 cs, Nerissa, Dominica
BERGAMOT—12 pkgs, Dodge & Olcott Co, Alberta, Messina
22 cs, Lo Curto & Funk, Alberta, Messina
CARAWAY—2 dms, Dodge & Olcott Co, London Exchange, Rotterdam
CASHEW SHELL—216 dms, General Foods Corp, Tampa, Madras
CINNAMON LEAF—26 dms, R C Treatt & Co, American Trader, London
CITRONELLA—5 dms, H A Sothern, Platano, Porto Barrios
11 dms, City of Bath, Colombo
12 dms, Dodge & Olcott Co, City of Bath, Colombo
10 dms, National City Bank, City of Bath, Colombo
10 dms, Barber S S Co, American Trader, London
4 dms, Continental Bank Trust Co, Mapia, Batavia
8 dms, Stein, Hall & Co, Mapia, Batavia
1 cs, H P Winter & Co, Mapia, Batavia

OIL, COCONUT—500 tons, Wecoline Product Co, Norfolk, Manila
100 tons, Procter & Gamble, Norfolk, Manila
CODLIVER—150 dms, Consumers Import Co, Gitano, Hull
400 dms, McKesson & Robbins, Gitano, Hull
25 bbls, Lanman & Kemp, Black Osprey, Rotterdam
CORN—100 dms, Balfour, Guthrie & Co, Gitano, Hull
250 dms, Corn Product Refining Co, New York, Hamburg
257 dms, Corn Product Refining Co, Independence Hall, Dunkirk
26 dms, American Shipper, Belfast
CYLINDER—6 dms, Tankers Corp, Port Adelaide, Liverpool
ESSENTIAL—29 pkgs, Exochorda, Marseilles
11 pkgs, London Exchange, Rotterdam
2 cks, New York, Hamburg
26 cs, Alberta, Messina
1 cs, 1 ck, Andania, London
8 cs, Queen Mary, Southampton
2 cs, American Trader, London
1 dm, Examiner, Seville
66 cs, Lafayette, Havre
EUCALYPTUS—28 dms, Orbis Product Corp, City of Elwood, Sydney
FUEL—93,500 bbls, Standard Oil Co of N J, Esso Bolivar, Aruba
65,750 bbls, Shell Union Oil Corp, Meton, Curacao
93,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
107,000 bbls, Standard Oil Co of N J, J A Mowinckel, Aruba
LAVENDER—3 dms, Tombarel Prod Corp, Exochorda, Marseilles
1 tin, 1 dm, Exochorda, Marseilles
LIME—5 cs, Gunvor, Grenada
12 cs, Gunvor, Roseau
7 cs, Barclay Bank, Nerissa, St Lucia
18 cs, Middleton & Co, Nerissa, Dominica
1 cs, F S Maynard & Son, Nerissa, Montserrat
13 cs, Nerissa, Dominica
22 cs, Dodge & Olcott Co, American Legion, Port Spain
8 cs, American Legion, Port Spain
LINSEED—5 cs, B F Drakenfeld & Co, Port Adelaide, Liverpool
MANDARIN — 12 cs, Dodge & Olcott Co, Alberta, Messina
MINERAL—25 dms, New York, Hamburg
20 dms, Heemseth, Kerner & Co, New York, Hamburg
OLIVE—175 bbls, Banco Coml Italian Trust Co, Vulcania, Patras
63 cks, American Shipping Co, Vulcania, Palermo
29 cks, 165 cs, Vulcania, Palermo
50 dms, J H Schroeder Banking Corp, Vulcania, Lisbon
100 dms, Strohmeyer & Arpe Co, Exochorda, Leghorn
720 cs, Exochorda, Leghorn
26 dms, J L Schafani, Exochorda, Genoa
15 dms, G Rossano & Bros, Exochorda, Genoa
1,060 cs, Exochorda, Genoa
25 dms, S A Laraja, Exochorda, Marseilles
27 cs, Alberta, Palermo
25 dms, Stefano, Crisafulli, Examiner, Tunis
15 dms, Mallars & Co, Examiner, Tunis
40 dms, Antonio Corrao, Examiner, Tunis
25 dms, Agash Refg Corp, Examiner, Tunis
125 dms, Smith Weihman Co, Examiner, Tunis
50 cs, Lafayette, Havre
OLIVE SULPHUR—53 dms, Smith Weihman Co, Examiner, Lisbon
ORANGE—2 cks, New York, Hamburg
PALM—202 dms, Balfour, Guthrie & Co, Gitano, Hull
Quantity, Banque Belge pour l'Etranger, Silveray, Belawan
1,050,318 kilos, Banque Belge pour l'Etranger, Silveray, Belawan
214,120 kilos, Silveray, Belawan
350 tons, Mapia, Belawan
350 tons, Banque Belge pour l'Etranger, Mapia, Belawan
1,275 tons, Van Leeuwen Boomkamp Co, Mapia, Belawan
PENNYROYAL—1 dm, Ungerer & Co, Examiner, Seville
1 dm, Examiner, Seville
PETITGRAIN—25 cs, American Legion, Buenos Aires
25 cs, W R Grace & Co, American Legion, Buenos Aires
PINE—1 cs, E Fougera & Co, American Trader, London
RESIDUE—75 dms, New York, Hamburg
ROSEMARY—3 dms, Bertrand Freres, Examiner, Tunis
SAGE—5 bbls, E E Marks & Co, Vulcania, Dubrovnik
SESAME—10 dms, La Manna, Azema & Farnam, New York, Hamburg
STORAX—75 cs, Vulcania, Trieste
THYME—2 dms, Ungerer & Co, Examiner, Seville
VEGETABLE—150 dms, W R Grace & Co, Vito, Kobe
YLANG YLANG—3 dms, Tampa, Port Said
PAPAIN—10 cs, Guaranty Trust Co, City of Bath, Colombo
2 cs, Andania, London
14 cs, McKesson & Robbins, Silveray, Colombo
PAPRIKA—40 bgs, 5 cs, J Raphael & Son, Manhattan, Hamburg
100 bgs, Frank Tea & Spice Co, Manhattan, Hamburg
50 bgs, G W Sheldon & Co, Manhattan, Hamburg
45 bgs, Levy & Levis Co, Manhattan, Hamburg
70 bgs, Schenker & Co, Manhattan, Hamburg
50 bgs, H Schoenfeld & Son, Manhattan, Hamburg
325 bgs, Manhattan, Hamburg
35 bgs, New York, Hamburg
65 bgs, H Schoenfeld & Son, New York, Hamburg
20 bgs, 1 cs, E E Marks & Co, New York, Hamburg
PEATMOSS—1,000 bls, London Exchange, Rotterdam
1,547 bls, Premier Peatmoss Corp, London Exchange, Rotterdam

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PEPPER, BLACK—68 bgs, Vito, Kobe
4,350 bgs, Mapia, Oosthaven
WHITE—193 bgs, Vito, Kobe
243 bgs, J F Frank, Silveray, Pangkal Pinang
504 bgs, Silveray, Pangkal Pinang
420 bgs, Silveray, Batavia
PETROLEUM, CRUDE—102,636 bbls, Standard Oil Co of N J, F Q Barstow, Guiria
PIMENTO—50 bgs, Bank of Nova Scotia, Calamares, Kingston
PITCH—52 dms, City of Elwood, Melbourne
STEARIN—219 dms, A V Berner & Co, Gitano, Hull
60 dms, American Shipper, Manchester
POPPYSEED—50 bgs, London Exchange, Rotterdam
POTASH, CAUSTIC—88 dms, American Cyanamid & Chemical Co, New York, Hamburg
CHLORATE—180 bbls, Charles Hardy, Alex Van Opstal, Antwerp
METABISULPHITE—200 kegs, Corn Exchange Bank & Trust Co, New York, Hamburg
MURIATE—50 bgs, N V Potash Export My, Alex Van Opstal, Antwerp
PUMICE—227 bgs, Whittaker, Clark & Daniels, Alberta, Canneto
45 bgs, K F Griffiths & Co, Alberta, Canneto
3,849 bgs, Alberta, Canneto
1,485 bgs, C B Chrystal & Co, Examiner, Canneto
2,722 bgs, J H Rhodes & Co, Examiner, Canneto
LUMP—400 bgs, 6 ks, K F Griffiths & Co, Alberta, Canneto
5,401 bgs, 10 cs, 5 cks, J H Rhodes & Co, Examiner, Canneto
PYRETHRUM FLOWERS—75 bls, J Powell & Co, Vito, Kobe
200 bls, Kachurin Drug Co, Vito, Kobe
125 bls, Sherwood Petroleum Co, Vito, Kobe
QUEBRACHO EXTRACT—50 bgs, R J Gates, American Legion, Buenos Aires
QUICKSILVER—93 flasks, Chase Natl Bank, Agwistar, Tampico
RAPESEED—937 bgs, A G Dunn, Vito, Otaru
ROOT, MEDICINAL—2 bgs, 4 bls, Peek & Velsor, Vulcania, Trieste
15 bgs, Exochorda, Marseilles
13 bls, Allaire Woodward & Co, New York, Hamburg
POWDERED—10 cs, Fritzsche Bros, Exochorda, Marseilles
ROSIN—14 cs, Peek & Velsor, Vulcania, Trieste
SAGE LEAVES—249 bls, E E Marks & Co, Vulcania, Dubrovnik
17 bls, Peek & Velsor, Vulcania, Dubrovnik
43 bls, Vulcania, Dubrovnik
SANDALWOOD—1 ck, Yardley & Co, Andania, London
164 bgs, Greene Co, Norfolk, Bombay
BILLETS—894 bgs, W J Bush & Co, City of Bath, Madras
SARSAPARILLA ROOT — 24 bls, Agwistar, Tampico
SEED, MEDICINAL—30 bgs, R D Hines, New York, Hamburg
16 cs, City of Bath, Calcutta
SENNA LEAVES—395 bls, S B Penick & Co, City of Bath, Colombo
170 bls, City of Bath, Colombo
230 bls, Marine Midland Trust Co, Norfolk, Port Sudan
SESAME SEED—60 bgs, Norfolk, Bombay
SHELLAC—200 bgs, E E Androvette, Tampa, Calcutta
200 bgs, Wm Zinsser & Co, City of Bath, Calcutta
200 bgs, Guaranty Trust Co, City of Bath, Calcutta
55 cs, 85 bgs, A Hurst & Co, New York, Hamburg
BUTTON LAC—25 bgs, Guaranty Trust Co, City of Bath, Calcutta
GARNET LAC—50 bgs, Tampa, Calcutta
SEEDLAC—400 bgs, Guaranty Trust Co, City of Bath, Calcutta
200 bgs, E E Androvette, City of Bath, Calcutta
SOAP—635 cs, Conti Poduct Co, Exochorda, Leghorn
4 cs, R F Downing & Co, Queen Mary, Southampton
20 cs, Examiner, Seville
BASE—45 cs, Yardley & Co, Andania, London
TOILET—6 cs, M J Corbett & Co, Queen Mary, Southampton
14 cs, American Trader, London
SODA, CYANIDE — 1,000 dms, American Cyanamid & Chem Co, London Exchange, Rotterdam
640 dms, C Hardy, Lafayette, Havre
HYDROSULPHITE—28 dms, 6 cs, General Dyestuff Corp, London Exchange, Rotterdam
70 dms, New York, Hamburg
SPAR COATING—10 cs, Freedman & Slater, New York, Hambug
SOLVENTS—250 dms, C P Chemical Solvents, Angelina, Ponce
200 dms, A Mosch, Angelina, San Juan
SPONGES—3 bls, American Sponge & Chamois Co, Munargo, Nassau
5 bls, J H Rhodes & Co, Munargo, Nassau
2 bls, Florida Sponge & Chamois Co, Yucatan, Havana
5 bls, A Bloch & Son, Calamares, Kingston
REFUSE—45 bls, Gulf & West Indies Co, Munargo, Nassau
10 bls, American Sponge & Chamois Co, Munargo, Nassau
10 bls, J H Rhodes & Co, Munargo, Nassau
3 bls, Florida Sponge & Chamois Co, Yucatan, Havana
SQUILLS—60 bgs, J L Hopkins & Co, Alberta, Palermo
STARCH, POTATO—100 bgs, 25 cks, Morningstar-Nicol, London Exchange, Rotterdam
STEATITE—4 bbls, Caldwell & Co, Exochorda, Leghorn
4 bbls, Kirchberger Co, Exochorda, Leghorn
STROPHANTHUS SEED—1 cs, Lo Curto & Funk, Tonsbergfjord, London
SUMAC—350 bgs, Alberta, Palermo
LEAF—200 bls, Continental Bank & Trust Co, Alberto, Palermo
TALC—100 bgs, Charles Mathieu, Exochorda, Genoa
700 bgs, C B Chrystal & Co, Exochorda, Genoa
14 bbls, Caldwell & Co, Exochorda, Leghorn
10 bbls, Caldwell & Co, Exochorda, Genoa
300 bgs, Whittaker, Clark & Daniels, Exochorda, Marseilles
108 cs, C B Chrystal & Co, Vito, Kobe
TANKAGE—280 bgs, Anglo California Bank of S F, City of Elwood, Melbourne
102 bgs, Chase Natl Bank, American Legion, Buenos Aires
TAPIOCA FLAKE—733 bgs, Stein, Hall & Co, Mapia, Sourabaya
280 bgs, Mapia, Tjilatjap
FLOUR—499 bgs, Stein, Hall & Co, Silveray, Batavia
250 bgs, American Cyanamid & Chem Co, Silveray, Cheribon
1,101 bgs, Java American Export Co, Silveray, Cheribon
11,738 bgs, Stein, Hall & Co, Mapia, Sourabaya
260 bgs, Manufacturers Trust Co, Mapia, Cheribon
500 bgs, Bank of Manhattan, Mapia, Cheribon
833 bgs, Stein, Hall & Co, Mapia, Cheribon
250 bgs, Bank of New York Trust Co, Mapia, Cheribon
1,018 bgs, Stein, Hall & Co, Mapia, Batavia
TAPIOCA FLOUR—254 bgs, Central Hanover Bank Trust Co, Mapia, Batavia
250 bgs, Chase Natl Bank, Mapia, Batavia
500 bgs, Bank of New York Trust Co, Mapia, Batavia
SEED—361 bgs, Stein, Hall & Co, Mapia, Sourabaya
TARTAR—200 bgs, London Exchange, Rotterdam
500 bgs, Giulia, Naples
279 bgs, Alberta, Bari
150 bgs, Charles Pfizer & Co, Alberta, Catania
200 bgs, Charles Pfizer & Co, Alberta, Messina
198 bgs, Standard Brands, Examiner, Oran
969 bgs, Charles Pfizer & Co, Examiner, Oran
TEAWASTE—1,518 bgs, Citro Chemical Co, City of Bath, Calcutta
1,064 bgs, Citro Chemical Co, Andania, London
THYME LEAVES—35 bls, J L Hopkins & Co, President Garfield, Marseilles
TONKA BEANS—6 cks, Nerissa, Trinidad
2 bbls, Caracas, Porto Cabello
TURPENTINE—18 bbls, W J Bush & Co, American Trader, London
VENICE—20 cs, G H Lincks, Vulcaia, Trieste
UMBER, BURNT—90 cks, National City Bank, Exochorda, Alexandria
25 cks, Chase National Bank, Exochorda, Alexandria
26 cks, Stanley Doggett, Exochorda, Alexandria
VANADIUM—1,200 bgs, Vanadium Corp, Santa Lucia, Callao
1,325 bgs, American Shipper, Liverpool
VANILLA BEANS—34 cs, J Manheimer, Exochorda, Marseilles
12 cs, Thurston & Braidich, Exochorda, Marseilles
9 cs, Bank of Manhattan, Exochorda, Marseilles
3 cs, Thurston & Braidich, Yucatan, Vera Cruz
7 cs, Mapia, Samarang
2 cs, Rene Moelhausen, Nerissa, Guadeloupe
WATER, MINERAL—20 cs, H S Dorf & Co, Manhattan, Havre
346 cs, Rohner, Gehrig & Co, Black Osprey, Rotterdam
WAX, BEES—306 bgs, Balfour, Guthrie & Co, West Irmo, Matadi
45 bgs, D A Zorilla, Agwistar, Tampico
25 bgs, Agwistar, Tampico
8 bgs, Curacao Trading Co, Coamo, Trujillo
9 pkgs, D Steengrafe, Ponce, San Juan
5 bgs, Royal Bank of Canada, Ponce, Puerto Plata
8 seroons, Almena, Puerto Plata
CANDELILLA—263 bgs, Wm M Allison & Co, Agwistar, Tampico
563 bgs, Agwistar, Tampico
MINERAL—140 bgs, General Dyestuff Corp, London Exchange, Rotterdam
MONTAN—375 bgs, Strohmeyer & Arpe Co, New York, Hamburg
OZOKERITE—80 bgs, Smith & Nichols, Vulcania, Trieste
101 bgs, Innis, Speiden & Co, Vulcania, Trieste
VEGETABLE — 50 cs, Mitsubishi Shoji Kaisha, Vito, Kobe
20 bgs, A Hurst & Co, Tonsbergfjord, Glasgow
WHITING—1,000 bgs, Colgate-Palmolive-Peet Co, Gitano, Hull
YEAST—15 ctns, Fagan Yeast Corp, Fort Amherst, Halifax
100 kegs, Compressed Yeast Corp, New York, Hamburg
75 bbls, Vulkan Yeast Co, New York, Hamburg
30 cs, Vulkan Yeast Co, Queen Mary, Southampton
ZINC, OXIDE—65 bbls, 17,215 lbs, American Cyanamid & Chem Co, Exochorda, Marseilles
25 cks, Reichard-Coulston, Port Adelaide, Liverpool
5 cs, Yardley & Co, Andania, London
ZIRCON SAND—20,000 bgs, Titanium Alloy Mfg Co, City of Elwood, Sydney
1,000 bgs, City of Elwood, Sydney

New York Transit Imports

BRONZE POWDER—30 dms, R C Wehling & Co, Europa, Bremen, St Louis
CALCIUM TARTRATE—137 bgs, Exochorda, Marseilles, Cleveland
COLORS—13 cs, American Express Co, Lafayette, Havre, Providence
ERGOT—29 cs, 3 tons, 13 cwt, 1 qtr, 19 lbs, Lo Curto & Funk, Tonsbergfjord, London, Indianapolis
30 cs, Eli Lilly & Co, Examiner, Lisbon, Indianapolis
GOAT GUANO—2,400 tons, Southern Shipping Co, Thyra, Kingston, Carteret
MUSTARD SEED—45 bgs, London Exchange, Rotterdam, Chicago
150 bgs, London Exchange, Rotterdam, Detroit
POPPYSEED—400 bgs, 44,000 lbs, C M Van Sillevoldt, London Exchange, Rotterdam, Chicago
SPONGES—34 bls, Munargo, Nassau, Amsterdam
2 bls, Munargo, Nassau, Yokohama
20 bls, Munargo, Nassau, Kobe
3 bls, Yucatan, Havana, Buenos Aires
20 bls, Yucatan, Havana, Paris
5 bls, Oriente, Havana
REFUSE—12 bls, Munargo, Nassau, Amsterdam
20 bls, Munargo, Nassau, Yokohama
20 bls, Munargo, Nassau, Rotterdam
11 bls, Munargo, Nassau, Kobe

Baltimore Imports

ACID, NAPHTHENIC—60 dms, T J Williams, Aruba
BONE PHOSPHATE—280 bgs, Black Gull, Antwerp
BRONZE POWDER—7 cs, Trans Seas Shipping Co, City of Hamburg, Hamburg
CALCIUM SILICIDE—403 bbls, Toledo, Sauda
CHEMICALS—160 cks, Black Gull, Antwerp
200 bgs, City of Hamburg, Hamburg
CLAY, FIRE—2 bgs, Balto & Ohio RR, Black Gull, Antwerp
RAW—300 bbls, Ferro Enamel Corp, Black Gull, Rotterdam
FERROMANGANESE—1,133 bbls, 390 tons, Toledo, Sauda
FERTILIZER, NITROGENOUS — 2,353 bgs, Black Gull, Rotterdam
IRON ORE (CHROME)—1,500 tons, Triton, Masinloc, Zambales
ORE—21,600 tons, Bethlehem Steel Co, Steelore, Cruz Grande
6,309 tons, Leo J Buck, Inc, Silver Sword, Lulea
21,800 tons, Bethlehem Steel Co, Marore, Cruz Grande
MANGANESE ORE—6,248 tons, 52 sks, Gypsum King, Santiago
7,230 tons, Flimston, Poti
8,900 tons, Jersey City, Poti
8,100 tons, Reedpool, Takoradi
4,900 tons, Bethlehem Steel Co, Christiansborg, Santiago
7,500 tons, Queen Eleanor, Poti
OIL, CODLIVER—6 bbls, City of Hamburg, Hamburg
FUEL—53,000 bbls, Standard Oil Co. N J, T J Williams, Aruba
OIL, LUBRICATING—180 dms, Black Gull, Antwerp
VEGETABLE—150 dms, Vito, Kobe
POTASH, CHLORATE—300 cs, Innis, Speiden & Co, Black Gull, Antwerp
PYRETHRUM FLOWERS—125 bls, Vito, Kobe
PYRITES—5,941 tons, Baron Elgin, Huelva
SARDINE MEAL—3,000 bgs, Vito, Kobe
3,000 bgs, Vito, Yokohama
WATER, MINERAL—225 cs, Black Gull, Rotterdam
ZIRCONIUM ALLOY—08 bbls, Toledo, Sauda

Boston Imports

BAUXITE — 1,400 tons, Union Aluminum, Ltd, Gunvor, Georgetown
CANARY SEED—50 bgs, 11,023 lbs, Jos Breck & Sons, Black Falcon, Rotterdam
CHEMICALS—400 bgs, 40,741 lbs, Black Falcon, Rotterdam
200 bgs, 22,376 lbs, Black Falcon, Antwerp
100 bgs, 22,266 lbs, Irving M Sobin Co, Black Falcon, Antwerp
400 bgs, 84,083 lbs, Black Falcon, Antwerp
COCOA BEANS — 4,936 bgs, Balfour, Guthrie & Co, New Columbia, Lagos
250 bgs, Wessel, Kulenkampf & Co, Hokkai, Cristobal
COLOR, DRY — 4 cs, American Express Co, American Shipper, Liverpool
FISH LIVERS — 816 tins, Atlantic Coast Fisheries Export Corp, Hokkai, Yokohama
FLUORSPAR — 2 cs, American Express Co, American Shipper, Liverpool
GELATIN—713 bgs, 80,201 lbs, International Selling Corp, Black Falcon, Antwerp
GINGER—378 csks, Naruto, Hongkong
50 csks, Brown Bros, Harriman, Naruto, Hongkong
GLASS, PLATE — 10 cs, 35,119 lbs, N E Glass Co, Black Falcon, Antwerp
GLUE, POWD — 50 csks, Rex & Reynolds, President Garfield, Marseilles
GLUESTOCK—45 bls, 22,924 lbs, H Remis & Co, Black Falcon, Antwerp
FISH—5 cs, 10 bxs, 3 bbls, J R Poole Co, Evangeline, Yarmouth
HIDE — 61 bls, First National Bank, Nova Scotia, Liverpool
507 bgs, 72,280 lbs, H Remis & Co, Black Falcon, Rotterdam
393 bgs, American Shipper, Manchester
564 bgs, American Shipper, Liverpool
GREASE, WOOL—25 bbls, American Shipper, Liverpool
GUM, COPAL—66 bskts, France, Campbell & Darling, Cingalese Prince, Macassar
DAMMAR—160 cs, American Cyanamid & Chemical Corp, Silveray, Batavia
INSECTICIDE—2 dms, American Express Co, American Trader, London
2 cs, Davies Turner Co, American Trader, London
MANGROVE BARK EXTRACT—848 bgs, Philippine Cutch Corp, President Garfield, Zamboanga
MEDICINAL PREPS—26 cs, Quong Wo Lung, President Garfield, Hongkong
2 cs, Foo Sun Co, President Garfield, Hongkong
8 cs, Tung Hing Lung, President Garfield, Hongkong
MICA—6 cs, 533 lbs, MacAllen Co, Black Falcon, Rotterdam
NAPHTHALENE—2,667 bgs, 445,972 lbs, Black Falcon, Rotterdam
OCHER—18 csks, Robinson Wagner Co, President Garfield, Marseilles
OIL, ALMOND—5 dms, American Trader, London
COCONUT—473 tons, Philippine Refining Corp, Cingalese Prince, Cebu
COD—56 dms, Nova Scotia, St. John's, N F
50 bbls, Marden Wild Corp, Nova Scotia, Halifax
100 csks, 44,092 lbs, Balfour, Guthrie & Co, Black Falcon, Rotterdam
CODLIVER—21 dms, from Newfoundland
HALIBUT LIVER—6 dms, American Trader, London
MEDICINAL—1 cs, Chong Lung, President Garfield, Hongkong
OLIVE—75 cs, 9,259 lbs, Exochorda, Genoa
PALM—1,016 tons, Van Leeuwen, Boonkamp & Co, Mapia, Belawan-Deli
PEANUT—30 cs, Chong Lung, President Garfield, Hongkong
10 cs, Sun Wah Co, President Garfield, Hongkong
20 cs, Sun Lee Chong Co, President Garfield, Hongkong
80 cs, Tung Hing Lung Co, President Garfield, Hongkong
SESAME—5 cs, Tung Hing Lung, President Garfield, Hongkong
SULPHUR—100 bbls, 49 dms, Giulia, Lisbon
OSSEIN—2,500 bgs, 279,984 lbs, J O Whitten Co, Black Falcon, Antwerp
2,940 bgs, 290,120 lbs, Atlantic Gelatine Co, Black Falcon, Antwerp
3,660 bgs, 508,802 lbs, Black Falcon, Antwerp
PETROLEUM, CRUDE—60,350 bbls, 9,101 tons, Colonial Beacon Oil Co, W L Steed, Las Piedras
SAND—100 csks, 66,138 lbs, Whitehead Bros, Co, Sarcoxie, Havre
SESAME SEED—5 cs, Tung Hing Lung, President Garfield, Hongkong
SHELLAC—50 cs, 9,368 lbs, J H Schroeder Banking Corp, Black Falcon, Rotterdam
SOAP—100 cs, 4,109 lbs, Conti Products Corp, Exochorda, Leghorn
20 cs, 2,205 lbs, American Express Co, Exochorda, Marseilles
1 cs, 243 lbs, S S Pierce Co, Black Falcon, Antwerp
1 tr, Stone & Downer, American Trader, London
TOILET—49 cs, S S Pierce Co, American Trader, London
3 cs, American Express Co, American Trader, London
SODA, HYDROSULPHITE—60 dms, 7,606 lbs, Irving Sobin Co, Sarcoxie, Dunkirk
STARCH—6 cs, Quong Wo Lung, President Garfield, Hongkong
10 cs, Tung Hing Lung, President Garfield, Hongkong
TALC—150 bgs, 33,069 lbs, L A Salomon & Bros, Sarcoxie, Havre
TAPIOCA FLOUR—2,500 bgs, Stein, Hall & Co, Cingalese Prince, Batavia
276 bgs, Eustis, Pennock & Co, Cingalese Prince, Sourabaya
500 bgs, Stein, Hall & Co, Silveray, Batavia
500 bgs, H P Winter & Co, Silveray, Cheribon
1,605 bgs, Balfour, Guthrie & Co, Mapia, Pamanoekan
500 bgs, Mapia, Cheribon
WATER, MINERAL—30 cs, S S Pierce Co, American Trader, London
WHITING—500 bgs, 55,115 lbs, N H Weitzner, Black Falcon, Antwerp

Boston Transit Imports

FERTILIZER, CHEMICAL MANURE—13 bgs, Lohrman Seed Co, American Trader, London, (for Detroit)
GLASS, PLATE—2 cs, J R & G P Locke, American Trader, London (for Portland, Me)
MEDICINAL PREPS—1 cs, Leong Jung, President Garfield, Hongkong (for Montreal)
OIL, PEANUT—65 cs, Leong Jung, President Garfield, Hongkong (for Montreal)

Galveston Imports

COCONUTS—4,000, Crawford Ellis, Puerto Castilla

Gloucester Imports

FISH LIVERS—230 pkgs, 3,851 lbs, from Nova Scotia
GLUESTOCK, FISH—22 bbls, 6,500 lbs, from Nova Scotia
OIL, COD—19 bbls, 832 gls, from Nova Scotia

Houston Imports

ASPHALT—4,725 dms, Chipana, Brighton
CINNAMON QUILLS—50 bls, El Oriente, New York
PEATMOSS—2,142 bls, Leerdam, Rotterdam
SALT—2 bxs, Stella Lykes, Cristobal

Lake Charles Imports

FERTILIZER—1,144 tons, San Pedro, Antwerp

Los Angeles Imports

AGAR AGAR—30 lbs, Shunten, Kobe
ALCOHOL—60,000 lbs, Hoegh Transporter, Manila
AMMONIA, PHOSPHATE—800 bgs, 89,600 lbs, Rosebank, Trail
SULPHATE — 1,000 bgs, 112,000 lbs, Rosebank, Trail
ARSENIC, WHITE—77,270 lbs, Annie Johnson, Stockholm
BARYTES, ORE—134,400 lbs, Indien, Genoa
BLOOD, DRIED—76,160 lbs, from Mexico
BONE MEAL — 654 bgs, 71,680 lbs, Indien, Zarob Jugo
CARAWAY SEED—21,800 lbs, Villanger, Rotterdam
5,460 lbs, Nebraska, Rotterdam
CHALK, CRUDE—224,000 lbs, Nebraska, London
CHEMICAL COMP—500 lbs, Maruto, Yokohama
300 lbs, Awobasan, Yokohama
CHINA CLAY, POWD—22,400 lbs, Wyoming, St Anstell, Belgium
CINNAMON, UNGRD — 5,020 lbs, President Hoover, Colombo
COCONUTS—72,750 lbs, Anselmo, Colon
700 lbs, Santa Elena, Mazatlan
COCONUT, DESIC—9,300 lbs, President Hoover, Manila
60,000 lbs, Granville, Zamboanga
COPRA—896,000 lbs, Granville, Cebu
MEAL—100,000 lbs, Hoegh Transporter, Manila
500,000 lbs, President Hoover, Manila
600,000 lbs, Silverpalm, Manila
896,000 lbs, Granville, Manila
DRUGS, ADVANCE—460 lbs, President Hoover, Hongkong
CRUDE—360 lbs, President Hoover, Hongkong
FERTILIZER—50,000 lbs, Shunten, Kobe
224,000 lbs, Bengalen, Calcutta
FISH LIVERS—15,200 lbs, President Hoover, Yokohama
FULLER'S EARTH — 11,200 lbs, Nebraska, London
GREASE, SOLUBLE—5 lbs, Portland, Oslo
GLASS, SHEET—20 cs, 5,060 lbs, Portland, Brussels
8 cs, 3,470 lbs, Portland, Breslau
WINDOW—24,060 lbs, Wyoming, Brussels
HEALING PLASTERS—100 lbs, from Mexico City
INCENSE POWDER—10 lbs, President Hoover, Osaka
MARJORAM LEAVES—2,200 lbs, from Marseilles
MEDICINAL PREPS—30 lbs, Shunten, Kobe
MINERAL ORES—105,000 lbs, Bengalen, Calcutta
MUSTARD SEED—33,000 lbs, Villanger, Haarlem, Holland
OCHER, POWD—11,540 lbs, Indien, Marseilles
OIL, CODLIVER—5,620 lbs, from Bergen
EDIBLE—12,570 lbs, President Pierce, Marseilles
HAIR—100 lbs, Shunten, Kobe
MUSTARD REF—20,000 lbs, Langleegorse, Kobe
PALM—1,054,300 lbs, Silverpalm, Medan
PEANUT—3,600 lbs, President Hoover, Hongkong
SESAME—210 lbs, President Hoover, Hongkong
PEPPER, UNGROUND—33,630 lbs, Silverpalm, Batavia
WHITE—11,030 lbs, Granville, Batavia
PERFUMERY ALC—40 lbs, Wyoming, Paris
POTASH SULPHATE—20,000 lbs, Portland, Hamburg
PYRETHRUM FLOWERS—7,500 lbs, Awobasan, Osaka
RAPESEED—160 lbs, Shunten, Kobe
20 lbs, Awobasan, Yokohama
29,920 lbs, Hermion, Kobe
RICE FLOUR—700 lbs, Shunten, Kobe
SESAME SEED—33,630 lbs, President Hoover, Hongkong
10 lbs, Awobasan, Yokohama
SHELLAC, SEEDLAC—16,400 lbs, Bengalen, Calcutta
SIENNA—5,510 lbs, Indien, Leghorn
SILVERSAND—3,024,000 lbs, Wyoming, Antwerp
SOAP, TOILET—1,180 lbs, From Paris
SODA, CHLORATE—119,800 lbs, Wyoming, Paris
STARCHES—1,320 lbs, Shunten, Kobe
POTATO—1,000 lbs, President Hoover, Kobe
TAPIOCA FLOUR—5,610 lbs, Silverpalm, Sourabaya
133,510 lbs, Silverpalm, Batavia
2,250 lbs, President Hoover, Hongkong
56,000 lbs, Granville, Sourabaya
THYME LEAVES—4,340 lbs, Indien, Marseilles
WATER, MINERAL—6,850 lbs, Wyoming, Lyon

Mobile Imports

BAUXITE ORE—2,310 tons, Marga, Paramaribo
COCONUTS—569,000, Rubens, Roatan

New Orleans Imports

ACID, MURIATIC—400 carboys, United Fruit Co, Cranford, Hamburg
BAUXITE ORE—2,470 tons, Republic Mining & Mfg Co, Lindvangen, Paramaribo
2,366 tons, Republic Mining & Mfg Co, Austvangen, Paramaribo
662 tons, Republic Mining & Mfg Co, Ausvangen, Port of Spain
CARBON—300 sks, Realty Operators, Binnendyk, Rotterdam
CHEMICALS—150 dms, Advance Solvents & Chemical Co, Binnendyk, Rotterdam
324 sks, Binnendyk, Antwerp
250 sks, Brown Bros-Harriman Co, Cranford, Gdynia
COCONUTS—271 sks, F Beyer, Lindvangen, Georgetown
4 sks, F Beyer, Lindvangen, Kingston
1,100 sks, W R Grace & Co, Lindvangen, Kingston
150 sks, Goodman & Beer, Lindvangen, Kingston
2,420 sks, Lindvangen, Kingston
977 sks, Standard Fruit & S S Co, Contessa, Celba
COCONUTS—500 sks, Fruit Dispatch Co, Lysefjord, Belize
1,000 sks, W Gordon, Lysefjord, Belize
320 sks, J Blake, Jr, Lysefjord, Belize
350 sks, Fruit Dispatch Co, Newsome, Kingston
250 sks, W R Grace & Co, Newsome, Kingston
910 sks, Newsome, Kingston
930 sks, Fruit Dispatch Co, Tivives, Tela
GUM CHICLE—687 bls, Wm Wrigley, Jr, Lysefjord, Belize
26 bls, M Bromberg, Lysefjord, Belize
JALAPA ROOT—15 sks, Morazan, Vera Cruz
LITHOPONE—500 csks, Texas Transport & Terminal Co, Binnendyk, Rotterdam
MOLASSES—1,421,889 gls, Cuba Distilling Co, Catshoula, Matanzas
PEATMOSS—11,319 bls, Premier Peatmoss Corp, Binnendyk, Rotterdam
1,779 bls, Binnendyk, Rotterdam
475 bls, Peatmoss Import Corp, Cranford, Bremen
POTASH CHLORATE—400 dms, Binnendyk, Antwerp
PYRETHRUM FLOWERS—125 bls, Norton Lilly & Co, Lindvangen, Port of Spain
SAND, FURNACE—400 sks, Binnendyk, Rotterdam
STARCH, CHEMICAL—700 sks, Binnendyk, Rotterdam
TAPIOCA FLOUR—267 sks, Balfour, Guthrie & Co, Kertosono, Pamanoekan
2,516 sks, National City Bank, Kertosono, Sourabaya
225 sks, Kertosono, Batavia
WATER, MINERAL—715 cs, Binnendyk, Rotterdam
50 cs, Louisiane, Havre

Norfolk Imports

ALUMINUM SILICATE ORE—211 tons, 12 cwt, Tampa, Calcutta
CHALK—400 bgs, 18 tons, Black Gull, Rotterdam
CHEMICALS—275 bgs, 23 tons, Black Gull, Rotterdam
DYE INTERMEDIATES—28 bbls, 4 tons, Cincinnati Chemical Works, City of Baltimore, Hamburg
31 bbls, 4 tons, Cincinnati Chemical Works, City of Hamburg, Hamburg
GYPSUM, CRUDE—2,800 gross tons, Baughn & Sons, Atna, Baddeck, N S
KIESERITE—3,660 bgs, 369 tons, City of Baltimore, Hamburg
MANGANESE ORE — 8,250 tons, Ullapool, Takoradi
OIL, FUEL—24,000 bbls, Standard Oil Co of N J, T J Williams, Aruba
PEATMOSS—3,000 bls, 183 tons, City of Baltimore, Hamburg
100 half bls, 2 tons, City of Baltimore, Hamburg
1,200 bls, 60 tons, Premier Peatmoss Corp, City of Baltimore, Hamburg
SALTCAKE—4,662 tons, F W Berk & Co, L A Christensen, Tocopilla
SALTPETER—452 tons, Chilean Nitrate Sales Corp, L A Christensen, Tocopilla
SODA NITRATE—2,944 tons, Chilean Nitrate Sales Corp, L A Christensen, Tocopilla
SOYBEAN RESIDUE—20 cks, 1 ton, City of Baltimore, Hamburg

Philadelphia Imports

ACIDS, NUT OIL—300,000 kilos, Bilderdijk, Rotterdam
PEANUT OIL—30 bbls, Bilderdijk, Rotterdam
AMMONIA, SULPHATE—1,000 bgs, Bilderdijk, Rotterdam
ASBESTOS—22,000 bgs, Keasby & Mattison, Carlton, Limmassol
BERYLLIUM ORE—1,536 bgs, Watson Geach & Co, Norderney, Buenos Aires
BONES—153 bgs, Swift & Co, Norderney, Rio Grande
154 bgs, Swift & Co, Norderney, Buenos Aires
GLUE, LOOSE—340,178 kilos, Swift & Co, Norderney, Rosario de Santa Fe
GRIST—7,268 bgs, National City Bank, Norderney, Rosario de Santa Fe
MEAL—1,005 bgs, National City Bank, Norderney, Rosario de Santa Fe
401 bgs, Manufacturers Trust Co, Norderney, Rosario de Santa Fe
BRONZE POWDER—4 cs, Keer Maurer & Co, Lippe, Bremen
CARAWAY SEED—25 bgs, Bilderdijk, Rotterdam
CELERY SEED—2 bgs, W A Burpee Co, Cypria, Marseilles
154 bgs, Cypria, Marseilles
CHALK—188 bgs, Lippe, Bremen
CHEMICALS—1,350 dms, 20 cks, Bilderdijk, Rotterdam
200 bgs, 125 cks, Advance Solvents & Chem Corp, Bilderdijk, Rotterdam
50 cks, J W Hampton Jr, Lippe, Hamburg
200 bgs, Cuno Sievers, Lippe, Hamburg
CHINA CLAY—56,586 kilos, Furness Withy & Co, Bilderdijk, Rotterdam
1,586 tons, 18 cwt, Moore & Munger, Burgos, Fowey
1,446 tons, 15 cwt, English China Clay Mines Corp, Burgos, Fowey
CHROME ORE—486.75 tons, Bowring & Co, New Columbia, Freetown
CLAY — 250 tons, United Clay Mines Corp, Toronto City, Bristol
300 bgs, United Clay Mines Corp, Toronto City, Bristol
BALL—60 tons, 4 cwt, English China Clay Mines Corp, Burgos, Fowey
BLUE—710 tons, Moore & Munger, Burgos, Fowey
CORK, SHAVINGS—15 bls, Giulia, Lisbon
WOOD—717 bls, Armstrong Cork Co, Cypria, Lisbon
10,295 bls, Cork Insulation Co, Marthara, Diidjelli
DRUGS—12 cs, Philadelphia National Bank, Lippe, Hamburg
ETHYLENE DIBROMIDE—68 dms, Howe Importing Co, Lippe, Hamburg
FLAXSEED—2,540,000 kilos, Norderney, Diamante
4,064,000 kilos, Nordkap, Buenos Aires
FLUORSPAR—1,160 tons, Irving Trust Co, Cypria, St Raphael
508,000 kilos, Wm H Muller & Co, Lippe, Bremen
GALLNUTS—252 bgs, Balfour, Guthrie & Co, Eidsvold, Shanghai
GLYCERIN—120 dms, Cypria, Marseilles
GUM, COPAL—204 bskts, Kota Inten, Macassar via Sourabaya
DAMMAR — 100 cs, Chase National Bank, Kota Inten Batavia
GYPSUM, CRUDE—5,200 tons, U S Gypsum Co, Gypsum Queen, Windsor
5,050 tons, U S Gypsum Co, Gypsum Prince, Windsor
HOPS—25 bls, Paul Reinemann, City of Flint, Hamburg
MANGANESE ORE—1,500 tons, City of Bath, Vizagapatan
MUSTARD SEED—250 bgs, City of Flint, Hamburg
NAPHTHALENE—324 bgs, John H Faunce, City of Flint, Hull
OIL, CODLIVER—100 dms, City of Flint, Hamburg
100 dms, Bilderdijk, Rotterdam
200 dms, Silmo Chemical Co, Bilderdijk, Rotterdam
25 dms, Loos & Dilworth, Lippe, Hamburg
CORN—267 dms, City of Flint, Hull
FUEL—3,210,428 gls, Socony Vacuum Oil Co, H M Flagler, Aruba
OIL, LUBRICATING—100 dms, Lippe, Hamburg
MINERAL—30 dms, Lippe, Hamburg
MUSTARD—100 dms, Naruto, Kobe
PALM—43 cks, Cie Francaise L'Afrique Occidentale, New Columbia, Burutu
RAPESEED—322.71 tons, Naruto, Kobe
OXIDE, RED—235 bbls, F B Vandergrift & Co, Cypria, Gibraltar
PAPRIKA—75 bgs, Avery F Payne, Lippe, Hamburg
PEATMOSS—3,050 bls, Bilderdijk, Rotterdam
900 bls, Lippe, Bremen
PEPPER, WHITE—172 bgs, Kota Inten, Tandjong Priok
329 bls, Kota Inten, Tandjong Priok via Batavia
PETROLEUM, CRUDE—90,072 bbls, Atlantic Refining Co, Brunswick, Las Piedras
72,810 bbls, Gulf Oil Corp, Gulfstar, Las Piedras
POPPYSEED—275 bgs, Bilderdijk, Rotterdam
POTASH, MANURE SALT—1,487,000 kilos, N V Potash Export Mij, City of Flint, Hamburg
366,000 kilos, N V Potash Export Mij, City of Flint, Hamburg
MURIATE—1,339,000 kilos, N V Potash Export Mij, City of Flint, Hamburg
4,009,716 kilos, N V Potash Export Mij, Wasgenwald, Hamburg
1,280,000 kilos, N V Potash Export Mij, Lippe, Hamburg
SULPHATE—1,500 bgs, N V Potash Export Mij, City of Flint, Hamburg
PYRITES—8,520 tons, Jersey, Huelva
RICE FLOUR—560 bgs, Stein, Hall & Co, Bilderdijk, Rotterdam
SARDINE MEAL—4,000 bgs, Wessel & Duval Co, Awobasan, Kobe
SEAWEED MEAL—500 bgs, Eidsvold, Yokohama
SHELLAC—200 bgs, Bank of London and South America, City of Bath, Calcutta
SOAP LYE, GLYCERIN CRUDE—38 dms, Philadelphia National Bank, Norderney, Buenos Aires
SODA, PRUSSIATE—27 cks, Bilderdijk, Rotterdam
SILICOFLUORIDE—300 bgs, Lippe, Bremen
STRONTIUM—600 tons, Toronto City, Bristol
TANKAGE—976 bgs, Swift & Co, Norderney, Buenos Aires
4,297 bgs, Norderney, Buenos Aires
TAPIOCA FLOUR—500 bgs, New York Trust Co, Kota Inten, Tegal
600 bgs, Kota Inten, Batavia
384 bgs, Kota Inten, Cheribon
WAX, VEGETABLE—150 cs, Mitsui & Co, Awobasan, Kobe

Portland, Ore., Imports

AMMONIA PHOSPHATE—500 sks, Ashcraft-Wilkinson Co, Tacoma, Antwerp
COLOR, EARTH—17 cks, Federal Trading Co, Tacoma, Bremen
FLAXSEED—16,772 sks, West Nilus, Rosario
8,875 sks, Louis Dreyfus & Co, West Nilus, Rosario
OIL, CODLIVER—50 dms, Kinney Shipping Co, Laurits Swenson, Oslo
PEATMOSS—250 bls, Wilson & George Meyer & Co, Laurits Swenson, Oslo

San Francisco Imports

AGAR AGAR—5 bls, Mitsui & Co, Shunten, Kobe
ALBUMEN, EGG, HEN, DRIED—56 cs, Henningsen Bros, President Hoover, Hongkong
56 cs, Consumers Import Co, President Hoover, Hongkong
56 cs, Stein, Hall & Co, President Hoover, Hongkong
168 cs, American Cyanamid & Chemical Corp, President Hoover, Hongkong
AMMONIA PHOSPHATE—400 sks, Balfour, Guthrie & Co, Kingsley, Vancouver (for Oakland)
SULPHATE—200 sks, Balfour, Guthrie & Co, Kingsley, Vancouver (for Oakland)
ANTIMONY, CRUDE—150 cs, Chas Gitland & Co, President Hoover, Hongkong
APRICOT KERNELS—140 cs, T M Duche & Sons, President Hoover, Hongkong
ARGOLS—619 sks, Bank of California, N A, President Pierce, Marseilles
BRISTLES—50 cs, N Wagman, President Hoover, Hongkong
54 cs, S Hirshenhorn & Sons, President Hoover, Hongkong
34 cs, F W Von Stade, President Hoover, Hongkong
4 cs, International Commission Corp, President Hoover, Hongkong
10 cs, President Hoover, Hongkong
29 cs, Autograf Brush Co, President Hoover, Hongkong
25 cs, Bank of London & South Africa, President Hoover, Kobe
146 cs, F H Cone & Co, President Hoover, Hongkong
50 cs, Pittsburgh Plate Glass Co, President Hoover, Hongkong
CALCIUM TARTRATE—104 sks, Bank of California, N A, President Pierce, Marseilles
CAMPHOR, REFD—10 cs, Hermion, Kobe
21 cs, McKesson Langley-Michaels Co, Shunten, Kobe
CASSIA—300 bls, A Schilling & Co, President Hoover, Hongkong
CHEMICALS—200 sks, Portland, Hamburg
15 cks, 27 kegs, Stauffer Chemical Co, Portland, Hamburg
COCONUT, DESIC—135 cs, M S Cowen Co, President Hoover, Manila
250 cs, Wood & Selick, President Hoover, Manila
878 cs, Balfour, Guthrie & Co, President Hoover, Manila
350 cs, General Food Sales Co, President Hoover, Manila
3,270 cs, Wood & Selick, President Hoover, Manila
1,992 cs, J E Lowden, President Hoover, Manila
2,321 cs, Durkee Famous Foods, Bengalen, Manila
400 cs, Dodwell & Co, Bengalen, Manila
COPRA MEAL—3,000 sks, Bengalen, Manila
CYANAMIDE—2,000 sks, Balfour, Guthrie & Co, Shunten, Kobe
FILTER COMPOUND—20 bls, Portland, Hamburg
FISH MEAL—173 pkgs, Nippon Co, Shunten, Nagoya
GLASS, SHEET — 100 cs, Walter Andrews, Portland, Antwerp
WINDOW—6 cs, R K Davidson, Portland, Hamburg
GLASS, WINDOW—7 cs, East Bay Glass Co, Portland, Antwerp (for Oakland)
HERBS, DRIED—5 bskts, 1 cs, Chong Kee Chan, President Pierce, Hongkong
INK—6 cs, Fock Lung, President Hoover, Hongkong
2 cs, North American Mercantile Co, Shunten, Yokohama
ISINGLASS—10 cs, Tambara & Co, Hermion, Yokohama
LINSEED MEAL—1,000 sks, Mitsubishi Shoji Kaisha, Shunten, Kobe
600 sks, Balfour, Guthrie & Co, Shunten, Yokohama
MAGNESIA CARBONATE — 100 cks, 4 cs, Schofield-Donald Co, Gracia, Liverpool
MEDICINAL PREPS—10 cs, North American Mercantile Co, Hermion, Yokohama
7 cs, Tai Loy & Co, President Hoover, Hongkong
47 cs, Oy Wo Tong, President Hoover, Hongkong
14 cs, Ti Hang Lung & Co, President Hoover, Hongkong
5 cs, Fung Chong, President Hoover, Hongkong
14 cs, Chong Kee Chan, President Hoover, Hongkong
55 pkgs, Tin Bow Tong, President Hoover, Hongkong
18 pkgs, Tin Sau Tong, President Hoover, Hongkong
6 cs, Yee Wo & Co, President Hoover, Hongkong
4 cs, Suey Chong Co, President Hoover, Hongkong
7 cs, Kwong Kee Chan, President Hoover, Hongkong
38 pkgs, Chun Wo Tong, President Hoover, Hongkong
66 pkgs, Tai Fung Wo, President Hoover, Hongkong
17 cs, Chan & Chan, President Hoover, Hongkong
11 cs, North American Mercantile Co, Shunten, Yokohama
MENTHOL—1 cs, Hermion, Kobe
MOWRAH MEAL—204 sks, S A Winther & Co, President Hoover, Hongkong
OIL, CHINAWOOD—519 dms, S & H Trading Co, President Hoover, Hongkong
100 dms, Otto Sales Co, President Hoover, Hongkong
399 dms, Western Vegetable Oil Co, President Hoover, Hongkong
883 dms, Pacific National Bank, President Hoover, Hongkong
172 tons, Pacific National Bank, President Hoover, Hongkong
352 tons, Werner G Smith Co, President Hoover, Hongkong
267 dms, President Hoover, Hongkong
COCONUT, CRUDE—1,000 tons, Philippine Refining Corpn of N Y, Bengalen, Manila
OLIVE—15 dms, G L Mezzetta, President Pierce, Genoa
PALM—254 tons, van Leeuwen, Boomkamp & Co, Bengalen, Belawan (for Oakland)
PALM, REFD—50 cs, Royal Bank of Canada, Gracia, Liverpool
PERILLA—405,054 lbs, Mitsubishi Trading Co, Shunten, Kobe
100 dms, Pacific Vegetable Oil Corpn, Shunten, Yokohama
PERILLA, CRUDE—100 dms, Pacific Vegetable Oil Corpn, Shunten, Yokohama
RAPESEED, REFD—300 dms, Mitsubishi Shoji Kaisha, Shunten, Kobe
150 dms, Pacific Vegetable Oil Corpn, Shunten, Kobe
OINTMENT, ANIMAL—4 crts, Robert Gisler, Portland, Antwerp
POTASH, MURIATE—10,000 sks, Wilson & George Meyer & Co, Portland, Hamburg
PYRETHRUM FLOWERS—330 bls, S L Jones & Co, Hermion, Otaru
75 bls, Americas & Orient Co, President Hoover, Kobe
GROUND—40 cs, S L Jones & Co, Shunten, Kobe
SAGO SEED—75 sks, H M Newhall & Co, Bengalen, Singapore
SESAME MEAL—1,000 sks, Taylor Milling Corpn, Shunten, Kobe
SEED—400 sks, President Hoover, Hongkong
SHELLAC—250 sks, Bengalen, Calcutta
SOAP—1 cs, Hoyt, Shepston & Sciaroni, Portland, Hamburg
SODA PRUSSIATE—1 pkg, W S Hanford, Shunten, Kobe
TRICHLOR ETHYLENE—4 dms, Mitsui & Co, Hermion, Yokohama
UREA—1,000 sks, Wilson & George Meyer & Co, Portland, Antwerp (for Oakland)
WAX, MONTAN—225 bgs, Strohmeyer & Arpe Co, Portland, Hamburg (for Oakland)
VEGETABLE—15 cs, M S Cowen Co, Hermion, Kobe

Savannah Imports

AMMONIA, SULPHATE — Quantity, Konsul Hendrix Fisser, Rotterdam
CLAY, BLUE—479 bgs, Konsul Hendrix Fisser, Rotterdam
GYPSUM—2,000 tons, Clunepark, Little Narrows
PETROLEUM, CRUDE — 10,267 tons, Joseph Seep, Las Piedras
SAGO FLOUR—3,313 bgs, Silverteak, Singapore
STARCH, POTATO—500 bgs, Konsul Hendrix Fisser, Rotterdam

Seattle Imports

BLEACHING POWDER—110 dms, Wilson & George Meyer & Co, Tacoma, Antwerp
CANARY SEED—8 sks, J W Essex, Damsterdijk, London
HEMPSEED—2 sks, J W Essex, Damsterdijk, London
NIGER SEED—1 sk, J W Essex, Damsterdijk, London
OIL, CODLIVER—200 dms, Girdwood Shipping Co, Laurits Swenson, Oslo
PEATMOSS—250 bls, Wilson & George Meyer & Co, Laurits Swenson, Oslo
500 bls, Chas H Lilly Co, Amerika, Copenhagen
RAPESEED—4 sks, J W Essex, Damsterdijk, London
TANKAGE, GRD — 1,502 sks, West Nilus, Buenos Aires
WHITING—1,000 sks, Amerika, Copenhagen

Tampa Imports

COCONUTS—71,000, Motagua, Bonacco

Exports From U.S. Ports

New York Exports

Clearance Dates

Amapala, November 12; Black Condor, October 9; Black Hawk, November 19; Borinquen, November 10; Bremen, November 12; Brittannic, November 12; Caracas, November 10; Cauto, November 12; Coldbrook, November 15; Colombia, November 14; Drottningholm, November 18; Fort Amherst, November 12; Hamburg, November 10; Henri Jasper, November 10; Hokuroku, November 12; Ingrid, November 12; Kahuku, November 10; Kiyosumi, November 5; Maylayan Prince, November 12; New Brooklyn, November 10; Ogontz, October 30; Oregon, November 26; Pennland, October 29; Ponce, November 13; Queen Mary, November 16; Rena, November 13; Saturnia, November 9; Scanpenn, November 13; Scythia, November 5; Sheridan, November 15; Silverash, November 1; Steel Age, November 17; Taketoyo, November 20; Trongate, Novem-

ber 10; Vincent, November 16; Westernland, November 12

ALCOHOL—4,400 gls, Ponce, Ponce
BUTYL, SECONDARY—71,051 lbs, Black Falcon, Rotterdam
ALUMINA, SULPHATE—169,696 lbs, Coldbrook, Buenos Aires
ANTIMONY REGULUS, CRUDE—98,176 lbs, Hokuroku, Osaka
ASPHALT—10,546 lbs, San Jacinto, San Juan; 4,400 lbs, Hokuroku, Osaka; 5,269 lbs, Trongate, Port Louis; 80,794 lbs, Ponce, Porto Plata; 5,866 lbs, Hamburg, Hamburg; 4,204 lbs, Coldbrook, Santos; 2,210 lbs, Ogontz, Casablanca; 4,210 lbs, Scanpenn, Copenhagen
EMULSIFIED—31,223 lbs, Scythia, Liverpool
GRANULAR—22,113 lbs, Vincent, Havre
BLACK, BONE—1,300 lbs, Scanpenn, Copenhagen
BLOOD, DRIED—44,200 lbs, Scanpenn, Kotka
CALCIUM, CARBIDE—(Caracas) 10,200 lbs, San Juan; 10,404 lbs, Porto Cabello
CARBON, TETRACHLORIDE—33,975 lbs, Rena, Buenos Aires
CEMENT, CAN—61,236 lbs, Coldbrook, Buenos Aires
CHEMICALS—14,148 lbs, Vincent, Havre; 1,607 lbs, Bremen, Helsingfors; 8,446 lbs, Britannic, Liverpool; 18,252 lbs, Pennland, Antwerp; 4,104 lbs, Henri Jasper, Antwerp; (Scanpenn) 2,057 lbs, Gothenburg; 1,500 lbs, Stockholm; 12,146 lbs, Norrkoeping
CLAY—4,124 lbs, Henri Jasper, Antwerp
CORN FLOUR—2,571 lbs, New Brooklyn, Matadi; (Maylayan Prince) 139,590 lbs, Manila; 7,755 lbs, Cebu; 15,510 lbs, Iloilo
SUGAR—10,175 lbs, Westernland, Antwerp
SYRUP—2,250 lbs, Fort Amherst, St Johns; 10,100 lbs, Steel Age, Honolulu
COTTONSEED MEAL — 224,428 lbs, Henri Jasper, Antwerp
DEXTRIN—4,040 lbs, Coldbrook, Buenos Aires; 2,424 lbs, Henri Jasper, Antwerp
DIETHYL SULPHATE—14,850 lbs, Vincent, Havre
DYES—4,026 lbs, Cauto, Tampico; 6,037 lbs, Henri Jasper, Antwerp
ETHER—100 lbs, Scanpenn, Gothenburg
ETHYL FLUID—8,250 gls, Rena, Buenos Aires
FERROMOLYBDENUM—11,948 lbs, Hokuroku, Kobe
GASOLINE—(New Brooklyn) 8,085 gls, Point Noire; 24,750 gls, Matadi; 6,300 gls, Ingrid, Port of Spain; 607,365 gls, Oregon, Valencia
AVIATION—11,000 gls, New Brooklyn, Point Noire; 27,500 gls, Trongate, Lisbon; 110,000 gls, Taketoyo, Yokohama
GRAPHITE—8,018 lbs, Coldbrook, Santos
GREASE, LUBRICATING—3,301 lbs, Black Condor, Rotterdam; 107,532 lbs, Scythia, Liverpool; 26,563 lbs, Vincent, Dunkirk; 3,025 lbs, Britannic, Liverpool; (Klyosumi) 88,910 lbs, Yokohama; 92,900 lbs, Osaka; 57,615 lbs, Pennland, Antwerp; 47,166 lbs, Westernland, Antwerp; (New Brooklyn) 2,611 lbs, Duala; 664 lbs, Kribi; 1,322 lbs, Libreville; 838 lbs, Point Noire; 1,204 lbs, Matadi; (Trongate) 1,925 lbs, Lisbon; 2,657 lbs, Benguela; 2,046 lbs, Casablanca; (Hamburg) 79,905 lbs, Hamburg; 6,369 lbs, Giurgiu; 3,470 lbs, Timisoara; 5,183 lbs, Galatz; 9,259 lbs, Sheridan, Para; 89,845 lbs, Maylayan Prince, Hongkong; 3,960 lbs, Ogontz, Casablanca; (Dro'tningholm) 18,675 lbs, Gothenburg; 668 lbs, Malmo; (Scanpenn) 688 lbs, Gdynia; 15,577 lbs, Norrkoeping; 4,392 lbs, Helsingfors
GUM, BENZOIN—1,200 lbs, Drottningholm, Malmo
TRAGACANTH—12,980 lbs, Britannic, Liverpool
INK, PRINTING—12,513 lbs, Coldbrook, Montevideo
INSECTICIDE, AGRIC—1,120 lbs, Drottningholm, Gothenburg
HOUSEHOLD—1,572 lbs, Hamburg, Hamburg; 3,000 lbs, Ogontz, Alexandria
KEROSENE—1,500 gls, Fort Amherst, St Johns
LACQUER—14,139 lbs, Queen Mary, Southampton; 2,279 lbs, Rena, Santos; 1,009 lbs, Black Falcon, Rotterdam
LARD—13,288 lbs, Queen Mary, Southampton; 46,800 lbs, San Jacinto, Mayaguez; 168,210 lbs, Scythia, Liverpool; 169,400 lbs, Britannic, Liverpool; 13,510 lbs, Pennland, Antwerp; 17,899 lbs, Westernland, Antwerp; 10,301 lbs, Borinquen, San Juan; (Ponce) 5,672 lbs, San Juan; 29,800 lbs, Ponce; 4,000 lbs, Mayaguez; 4,000 lbs, Caracas, La Guaira; 31,500 lbs, Scanpenn, Copenhagen
LEAD, RED—22,792 lbs, Drottningholm, Gothenburg
LINSEED CAKE—(Black Condor) 3,450,097 lbs, Rotterdam; 452,668 lbs, Antwerp; (Vincent) 335,932 lbs, Havre; 336,000 lbs, Lille; 687,340 lbs, Liverpool; 225,701 lbs, Pennland, Antwerp; 1,804,326 lbs, Black Falcon, Rotterdam; (Black Hawk) 5,746,391 lbs, Rotterdam; 1,353,732 lbs, Antwerp
MEDICINAL PREPS—12,903 lbs, Scythia, Liverpool
NAPHTHA—(New Brooklyn) 41,250 lbs, Dakar; 12,100 gls, Winnebah; 70,000 gls, Duala; 30,000 gls, Kribi; 11,500 gls, San Thome; 32,475 gls, Libreville; 36,500 gls, Port Gentil; 1,000 gls, Boma
OIL, AVIATION—(Hokuroku) 471 tons, Yokosuka; 269 tons, Kure; 471 tons, Sasebo
CASTOR—1,018 lbs, Drottningholm, Malmo
CEDAR—485 lbs, Hamburg, Hamburg
CEDARWOOD—2,271 lbs, Hamburg, Hamburg
COALTAR—2,210 lbs, San Jacinto, Arroyo
GAS—(New Brooklyn) 8,250 gls, Duala; 5,500 gls, Kribi; 8,085 gls, Port Gentil
LAVENDER—836 lbs, Trongate, Marseilles
LUBRICATING — (Black Condor) 2,688 gls, Rotterdam; 252 gls, Amsterdam; 1,925 gls, Scythia, Liverpool; (Vincent) 6,846 gls, Havre; 39,900 gls, Dunkirk; 550 gls, Lille; (Saturnia) 5,500 gls, Algiers; 210 gls, Susak; 4,400 gls, Britannic, Liverpool; 9,350 gls, Rena, Santos; (Hokuroku) 10,230 gls, Oslo; 880 gls, Kobe; (Klyosumi) 20,420 gls, Yokohama; 3,300 gls, Kobe; 36,575 gls, Osaka; 9,005 gls, Penniand, Antwerp; (Westernland) 1,260 gls, Brussels; 1,428 gls, Antwerp; (New Brooklyn) 1,650 gls, Dakar; 1,100 gls, Winnebah; 1,750 gls, Duala; 650 gls, Kribi; 4,450 gls, Libreville; 300 gls, Port Gentil; 1,140 gls, Point Noire; 4,470 gls, Matadi; (Trongate) 2,646 gls, Leixoes; 8,550 gls, Lisbon; 21,505 gls, Loanda; 7,645 gls, Casablanca; 1,210 gls, Cotonou; 2,772 gls, Marseilles; 14,150 gls, Haiphong; 220 gls, Saigon; (Fort Amherst) 1,375 gls, St Johns; 1,365 gls, Halifax; (Ingrid) 3,025 gls, Port Spain; 1,430 gls, Ciudad; (Hamburg) 56,705 gls, Hamburg; 3,890 gls, Prague; 420 gls, Vienna; 1,100 gls, Riga; 840 gls, Rio Benito; 1,250 gls, Henri Jasper, Brussels; (Sheridan) 3,000 gls, Para; 6,830 gls, Pernambuco; 12,100 gls, Bahia; (Coldbrook) 23,650 gls, Montevideo; 3,375 gls, Buenos Aires; 10,095 gls, Maylayan Prince, Hongkong; 7,470 gls, Ogontz, Alexandria; (Caracas) 4,070 gls, Porto Cabello; 3,300 gls, La Guaira; (Drottningholm) 835 gls, Gothenburg; 2,200 gls, Stockholm; 3,150 gls, Copenhagen; 770 gls, Malmo; (Black Falcon) 2,127 gls, Rotterdam; 210 gls, Amsterdam; 275 gls, Black Hawk, Rotterdam; (Scanpenn) 2,100 gls, Gothenburg; 8,900 gls, Stockholm; 550 gls, Norrkoeping
OLEO—84,782 lbs, Pennland, Antwern: 40,248 lbs, Westernland, Antwerp; 41,364 lbs, Scanpenn Copenhagen
ORANGE, DIST—166 lbs, Hamburg, Hamburg
OIL, PINE—12,578 lbs, Saturnia, Dubrovnik; 487 lbs, Hamburg, Zurich; 8,151 lbs, Drottningholm, Gothenburg
VALVE—2,640 gls, Cauto, Tampico
WORMSEED—600 lbs, Hamburg, Dresden
PAINT—(San Jacinto) 9,175 lbs, Arroyo; 3,700 lbs, San Juan; 1,100 lbs, Rena, Buenos Aires; 16,500 lbs, Hokuroku, Kobe; 13,440 lbs, Westernland, Antwerp; 897 lbs, Ponce, San Juan; 4,589 lbs, Henri Jasper, Antwerp; 9,920 lbs, Kahuku, Honolulu; 2,086 lbs, Black Falcon, Rotterdam; (Scanpenn) 8,978 lbs, Copenhagen; 5,146 lbs, Stockholm
ENAMEL—11,082 lbs, Rena, Buenos Aires
PREPARED—4,504 lbs, Kahuku, Honolulu; 3,013 lbs, Steel Age, Honolulu
THINNER—250 gls, Sheridan, Para; 2,860 gls, Maylayan Prince, Manila
PARAFFIN—22,244 lbs, Pennland, Antwerp; 11,100 lbs, Westernland, Antwerp; 22,444 lbs, Hamburg, Hamburg; (Drottningholm) 2,305 lbs, Gothenburg; 11,264 lbs, Stockholm; 4,363 lbs, Gefle; 2,560 lbs, Scanpenn, Gdynia
REFINED—(Trongate) 44,612 lbs, Leixoes; 44,612 lbs, Lisbon
SCALE—386,564 lbs, Scythia, Liverpool; 244,123 lbs, Trongate, Casablanca; 586,971 lbs, Hamburg, Hamburg
PETROLEUM, REFD—15,000 gls, San Jacinto, La Romana; (New Brooklyn) 26,500 gls, Winnebah; 15,000 gls, Duala; 11,100 gls, San Thome; 12,000 gls, Libreville; 11,000 gls, Port Gentil; 8,000 gls, Point Noire; 1,500 gls, Boma
PHENOL—216,100 lbs, Britannic, Liverpool
CRYSTALS—9,440 lbs, Hokuroku, Yokohama
PITCH—132,087 lbs, Trongate, Marseilles
STEARIN—2,194 lbs, Hamburg, Hamburg
POTASH BICHROMATE—4,956 lbs, Coldbrook, Santos
RESIN, SYNTH—7,722 lbs, Scythia, Liverpool
ROSIN—10,410 lbs, Scythia, Liverpool; 6,098 lbs, Hamburg, Hamburg; 3,935 lbs, Drottningholm, Gothenburg
SOAP—(San Jacinto) 8,400 lbs, Ponce; 11,500 lbs, Mayaguez; (Ponce) 5,600 lbs, Ponce; 14,150 lbs, Mayaguez
POWDER—6,000 lbs, San Jacinto, San Juan
TOILET—2,100 lbs, Scanpenn, Stockholm
SODA, ASH—9,383 lbs, Scythia, Liverpool
CAUSTIC—7,185 lbs, San Jacinto, Porto Plata; (Rena) 26,248 lbs, Santos; 315,920 lbs, Buenos Aires; 2,100 lbs, Pennland, Antwerp; 110,150 lbs, Cauto, Tampico; 67,492 lbs, Amapala, Guantanamo; 4,300 lbs, Ponce, San Juan; 92,160 lbs, Coldbrook, Buenos Aires; 55,070 lbs, Maylayan Prince, Manila; 11,500 lbs, Colombia, Porto Colombia
CAUSTIC SOLID—22,928 lbs, Sheridan, Maceio; 5,026 lbs, Kahuku, Honolulu
CHLORATE—(Kahuku) 25,370 lbs, Honolulu; 8,496 lbs, Cebu; 8,496 lbs, Honuapo
SILICATE—(Borinquen) 23,228 lbs, Trujillo; 7,223 lbs, San Juan
SOLVENTS, PAINT—5,618 lbs, Rena, Buenos Aires
SOYBEAN MEAL—12,594 lbs, Ingrid, Barbados
STARCH, CORN—1,388 lbs, Bremen, Bremerhaven; 230 lbs, Maylayan Prince, Manila
SULPHUR—4,080 lbs, Colombia, Porto Colombia
TALC—134,400 lbs, Scythia, Liverpool; (Scanpenn) 22,220 lbs, Gothenburg; 6,666 lbs, Copenhagen
TALLOW—23,465 lbs, San Jacinto, Porto Plata
TANNING EXTRACT—41,565 lbs, Britannic, Liverpool
TURPENTINE—2,500 gls, Coldbrook, Buenos Aires
VARNISH—1,151 lbs, Scythia, Liverpool
XYLOL—1,785 gls, Coldbrook, Buenos Aires
ZINC OXIDE—3,575 lbs, Vincent, Havre; 4,520 lbs, Maylayan Prince, Manila
SULPHATE—35,496 lbs, Rena, Buenos Aires

Beaumont Exports

Clearance Date

Portofino, November 18

PETROLEUM, CRUDE—63,447 bbls, Portofino, Naples

Boston Exports

Clearance Dates

Bilderdijk, November 22; Evangeline, November 22; Laconia, November 21; Lady Nelson, November 20; President Lincoln, November 22

ANIMAL DIP—5 dms, 250 gls, President Lincoln, Hongkong
BORAX—6 pkgs, 600 lbs, Evangeline, Halifax
CLAY, GRD—20 bgs, 2,096 lbs, President Lincoln, Manila
DRESSING, SHOE—6 dms, 240 lbs, President Lincoln, Manila
FINISH, SHOE—10 kgs, 876 lbs, President Lincoln, Manila
INK, WRITING—4 crtns, President Lincoln, Port Allen
LARD—565 bxs, 31,640 lbs, Laconia, Liverpool
MEDICINAL PREPS—56 bxs, 280 gls, Laconia, London; 2 cs, 150 lbs, Lady Nelson, Hamilton; 7 cs, 6 gls, President Lincoln, Honolulu
MICA SPLITTINGS—100 cs, 12,500 lbs, Laconia, Liverpool
OIL, LUBRICATING—50 dms, 1 cs, 20,000 lbs, Laconia, Liverpool
PASTE, ADHES—1 pkg, 32 lbs, President Lincoln, Port Allen
RETARDER—13 bgs, 1,040 lbs, Laconia, Birmingham
SOAP, TOILET—250 cs, 6,093 lbs, President Lincoln, Honolulu
SOLVENT—17 cs, 204 gls, President Lincoln, Honolulu
TURPENTINE, GUM—5 bbls, 252 gls, Evangeline, Yarmouth
WAX, SEALING—1 cs, 90 lbs, President Lincoln, Manila
SHOE—11 cs, 535 lbs, President Lincoln, Manila

Corpus Christi Exports

Clearance Dates

Conus, November 20; Mosli, November 14; Norvinn, November 19; Petrofina, November 18; Pluvoise, November 4

OIL, GAS—70,080 bbls, Norvinn, Curacao
PETROLEUM, CRUDE—101,121 bbls, Pluvoise, Port de Bouc; 96,280 bbls, Mosli, Havre; 115,404 bbls, Petrofina, Dunkirk; 85,460 bbls, Conus, Foreign

Galveston Exports

Clearance Dates

Anhalt, November 18; Belgian Gulf, November 17; City of Omaha, November 17; Diplomat, November 23; Kellerwald, November 22; Phobos, November 22; San Mateo, November 21; Sydhav, November 18; Vinni, November 21

ASPHALT—23 tons, Kellerwald, Hamburg
BLACK, CARBON—1 cs, City of Omaha, Piraeus; 4 cs, Anhalt, Auckland; (Vinni) 21 tons, Yokohama; 20 tons, Kobe; 4 tons, Darien; 500 bgs, Diplomat, Liverpool
MINERAL ORE CONCE—23 tons, Diplomat, Liverpool
OIL, GAS—59,850 bbls, Belgian Gulf, Antwerp; 11,000 tons, Sydhav, Curacao; 10,000 tons, Phobos, Curacao
SULPHUR—(Anhalt) 3,100 tons, Auckland; 1,650 tons, New Plymouth; (San Mateo) 350 bgs, Havre; 30 bgs, Dunkirk; 15 tons, Kellerwald, Hamburg

Houston Exports

Clearance Dates

Atlanta City, November 22; Cardonia, November 19; Daytonian, November 19; Horn Shell, November 19; Kellerwald, November 20; Leerdam, November 22; Montello, November 20; Pelk, November 18; Sanandrea, November 17; San Mateo, November 19; Vinni, November 19

BISMUTH METAL—722 bxs, Cardonia, Havre
BLACK, CARBON—896 bgs, Daytonian, Manchester; 200 tons, San Mateo, Havre; (Cardonia) 400 cs, 7,000 bgs, Havre; 60 cs, 440 bgs, Rotterdam; (Vinni) 107 cs, Yokohama; 8 cs, 500 bgs, Kobe; 2,500 bgs, Moji via Kobe; 313 cs, 16,769 bgs, Montello, Genoa; (Kellerwald) 200 tons, Bremen; 50 tons, Hamburg; 7 cs, Atlanta City, Calcutta; (Leerdam) 63 tons, London; 1 ton, Amsterdam; 1 ton, Bombay; 4 tons, Calcutta; 5 tons, Bristol; 6 tons, Hull
GASOLINE—(Sanandrea) 1,500 tons, Antwerp; 4,618 tons, Havre-Antwerp
OIL—200 bbls, San Mateo, Havre
FUEL—11,270 tons, Horn Shell, Greece
GAS—(Pelk) 4,500 tons, Rotterdam; 4,500 tons, Hamburg
LUBRICATING—25 bbls, Cardonia, Rotterdam; 800 tons, Montello, Vado-Savona; 250 dms, Atlanta City, Calcutta
PETROLEUM, CRUDE—10 dms, Cardonia, Rotterdam

Los Angeles Exports

Clearance Dates

Adelian, November 16; Alabaman, November 1; Albertolite, November 13; Albion Star, November 13; Asuka, November 10; Atago, November 2; Athelempress, November 16; Damsterdyk, November 9; Drafn, November 13; Gregalia, November 3; Griffco, November 9; Hardanger, November 10; Havbor, November 12; John Knudsen, November 7; Kano, November 12; La Placentia, November 14; Lochkatrine, November 6; Marchen Maersk, November 4; Mijdrecht, November 18; Molokai, November 4; Nechus, November 18; Omrosan, November 13; Pacific President, November 10; President Polk, November 9; Roseville, November 9; San Jose, November 6; Santa Rosa, October 30; Santos, November 15; Seattle, November 4; Snestad, November 5; Svolder, November 11; Tejon, November 17; Thurland Castle, November 3

ACETONE, REFD—10 dms, 3,380 lbs, Marchen Maersk, Hongkong
ACID, BORIC—200 bgs, 22,400 lbs, Albion Star, Rotterdam
SULPHURIC—4,550 lbs, Marchen Maersk, Manila
ASPHALT—152 bbls, 29,120 lbs, Marchen Maersk, Yokohama; 50 bbls, 26,880 lbs, La Placentia, Panama
BORATE—400 bgs, 46,110 lbs, Lochkatrine, Glasgow
BORAX—10,500 bgs, 1,176,000 lbs, Seattle, Hamburg; (Asuka) 98 bgs, 10,980 lbs, Yokohama; 198 bgs, 22,180 lbs, Osaka; 10,700 bgs, 1,198,400 lbs, Albion Star, Rotterdam; 5,000 bgs, 560,000 lbs, Lochkatrine, Liverpool; (President Polk) 20 kgs, 2,240 lbs, Bhavnagar; 50 kgs, 5,600 lbs, Navlakhi; 370 bgs, 41,440 lbs, Santos, Osaka; (President Polk) 300 kgs, 33,600 lbs, Karachi; 60 kgs, 6,720 lbs, Bombay
BUTYL ACETATE—50 dms, 20,050 lbs, Marchen Maersk, Hongkong
CALCIUM ARSENATE—1,000 lbs, Santa Rosa, Mazatlan
CHEMICALS—3,450 lbs, Marchen Maersk, Hongkong
CLAY—1,000 sks, 100,800 lbs, President Polk, Bahrein; 1,100 bgs, 61,600 lbs, Hardanger, Buenos Aires
CLEANER—2,820 lbs, President Polk, Kobe
EPSOM SALT—20 bgs, 2,000 lbs, Santa Rosa, La Libertad
ETHYL ACETATE—80 dms, 31,760 lbs, Marchen Maersk, Hongkong
LACTATE—1 dm, 420 lbs, Marchen Maersk, Hongkong
FILM SCRAP—23,860 lbs, Albion Star, Antwerp
GASOLINE—10,144 bbls, 2,647,580 lbs, Drafn, Yokohama; 88,079 bbls, 22,988,620 lbs, Mijdrecht, Yokohama; 3,900 bbls, 1,017,900 lbs, Nechus, Cco Llo; 8,928 bbls, 2,330,210 lbs, Omrosan, Kure; 16,000 dms, 4,906,380 lbs, Snestad, Kobe; (Marchen Maersk) 8,800 dms, 2,699,030 lbs, Kobe; 300 dms, 98,920 lbs, Yokohama; 38,853 bbls, 10,140,630 lbs, Svolder, Lands End
LEADED—20 bbls, 6,790 lbs, La Placentia, Panama
GYPSUM—400 sks, 40,000 lbs, Damsterdyk, Victoria
INFUSORIAL EARTH—111 bgs, 11,200 lbs, Seattle, Hamburg; (Berganger) 218 bgs, 22,400 lbs, Antwerp; 100 bgs, 11,200 lbs, Anvers; (Gregalia) 883 bgs, 89,600 lbs, London; 1,120 bgs, 112,000 lbs, Glasgow; 20 bgs, 2,030 lbs, Pacific President, Vancouver; (Santa Rosa) 7 bgs, 530 lbs, Valparaiso; 600 bgs, 60,030 lbs, Havana; 400 bgs, 40,100 lbs, Alabaman, Mayaguez
KEROSENE—36,244 bbls, 10,329,540 lbs, Svolder, Lands End; 2,000 cs, 170,000 lbs, La Placentia, Panama City; 10,000 dms, 3,596,420 lbs, Thurland Castle, Hongkong
LACQUER—500 lbs, Santa Rosa, Cali; 1,870 lbs, President Polk, Izmir
COLORED—320 lbs, Santa Rosa, Valparaiso
THINNER—500 lbs, Santa Rosa, Cali; 1,480 lbs, President Polk, Izmir
LITHOPONE—900 lbs, Marchen Maersk, Hongkong
MINERAL SPTS—20 bbls, 75 cs, 13,760 lbs, La Placentia, Panama City; 50 dms, 18,460 lbs, Hardanger, Buenos Aires
OIL, CASTOR, BLOWN—880 lbs, Marchen Maersk, Hongkong
DIESEL—85,848 bbls, 26,784,580 lbs, Adelien, Cristobal; 4,381 bbls, 1,366,870 lbs, Roseville, Bombay; 5,015 bbls, 1,564,680 lbs, La Placentia, Porto Armuelles; 19,986 bbls, 6,235,630 lbs, Nechus, Cco Solo; 92,032 bbls, 28,713,980 lbs, Athelempress, Tsurumi/Nagasaki; 244 bbls, 76,130 lbs, Griffco, Santa Rosalia; 12,192 bbls, 3,803,900 lbs, Thurland Castle, Manila
FUEL—65,620 bbls, 21,851,460 lbs, Tejon, Ocean Falls; 70,303 bbls, 23,410,900 lbs, La Placentia, Balboa; 35,454 bbls, Nechus, Cco Solo
GAS—83,529 bbls, 25,225,760 lbs, Harbor, Curacao; 110,127 bbls, 33,258,350 lbs, Loosdrecht, Curacao
LINSEED—800 lbs, Marchen Maersk, Hongkong
OIL, LUBRICATING—125 bbls, 61,690 lbs, La Placentia, Panama City; 185 dms, 10 cs, 59,970 lbs, Molokai, Guaymas
SALAD—1,720 lbs, President Polk, Manila
PETROLEUM, CRUDE—96,917 bbls, 30,238,100 lbs, John Knudsen, Vancouver; 77,139 bbls, 24,082,970 lbs, Drafn, Yokohama; 66,139 bbls, 20,635,370 lbs, Omrosan, Kure; 63,827 bbls, 19,914,020 lbs, Albertolite, Ioco
POTASH, MURIATE—6,000 bgs, 1,322,760 lbs, Marchen Maersk, Yokohama; 13,004 bgs, 1,763,680 lbs, Kano, Yokohama; 2,000 bgs, 440,920 lbs, Santos, Yokohama
SOAP, LAUNDRY—26,500 lbs, Alabaman, San Juan
SODA ASH—500 bgs, 110,230 lbs, Lochkatrine, Amsterdam; 200 bgs, 40,000 lbs, Santa Rosa, Mazatlan
SOLVENTS—590 dms, 211,240 lbs, Marchen Maersk, Yokohama; (Lochkatrine) 100 dms, 36,600 lbs, London; 30 dms, 11,070 lbs, Amsterdam; 3,000 lbs, Santa Rosa, Mazatlan
TALC—50 bgs, 11,200 lbs, Santa Rosa, Barranquilla
TOILET PREPS—1,730 lbs, Atago, Santiago; 300 lbs, Thurland Castle, Manila; 3,440 lbs, Santa Rosa, Havana; 500 lbs, President Polk, Bombay

New Orleans Exports

Clearance Dates

Assuan, October 18; Baja California, October 22; Dalhem, November 18; Eriangen, November 5; Frankenwald, October 29; Frankfurt, October 20; Gansfjord, October 27; Mongioia, November 6; Nordvangen, November 18; Sahale, November 10; Santa Marta, October 26; Sinaloa, October 29; San Bruno, October 29; Tivives, October 29; Vinni, November 16

ASPHALT—(Frankfurt) 109 sx, Hamburg; 30 sx, Bremen-Hamburg; 2,005 dms, San Bruno, Puntarenas; 40 bbls, Mongioia, Marseilles
BLACK, CARBON — 29 cs, Mongioia, Genoa; (Erlangen) 4 tons, Brisbane; 172 tons, Sydney; 275 tons, Melbourne; 400 sx, Dalhem, Gdynia; (Frankfurt) 5,190 sx, Bremen; 431 sx, Hamburg; 394 cs, Bremen-Hamburg opt; (Frankenwald) 4 tons, Bremen-Hamburg; 5 tons, Bremen-Hamburg; 5 cs, Tivives, Valparaiso
BONES — 333 sx, Vinni, Osaka
COHUNE NUTS — 100 tons, Sahale, Liverpool
CLAY—54 tons, Sahale, Liverpool
COTTONSEED CAKE — 758 sx, Frankfurt, Hamburg; 500 tons, Frankenwald, Hamburg
DRUGS—103 cs, Assuan, Kobe
GASOLINE—63 dms, Sinaloa, Bluefields; 380 dms, Gansfjord, Puerto Barrios; 100 cs, 20 dms, Baja California, Bluefields
INK—45 dms, Tivives, Havana
KEROSENE — 50 cs, San Bruno, Puerto Limon; 130 cs, Sinaloa, Bluefields; 50 dms, Gansfjord, Puerto Barrios; 25 dms, Santa Marta, Puerto Barrios; 100 cs, Baja California, Bluefields
LARD — 2,100 tins, Nordvangen, La Guaira; (San Bruno) 150 tins, Panama; 3,250 tins, Puerto Limon; 650 tins, Puntarenas; 25 cs, Sinaloa, Bluefields; (Gansfjord) 40 tins, Santiago; 80 tins, Belize; 100 tins, Santa Marta, Puerto Barrios; 1,474 tins, 150 crts, 400 dms, 25 cs, Tivives, Havana
SUBSTITUTE — 90 crts, Vinni, Yokohama
OIL, COTTONSEED, REF'D—30 cs, Tivives, Havana
FUEL—30 dms, Sinaloa, Bluefields; 125 dms, Gansfjord, Puerto Barrios; 125 dms, Santa Marta, Puerto Barrios; 65 dms, Baja California, Bluefields
LUBRICATING—445 bbls, Mongioia, Marseilles; (Erlangen) 6 tons, Sydney; 4 tons, Melbourne; (Vinni) 275 dms, Yokohama; 240 dms, Osaka; 48 dms, Kobe; 20 tons, Sahale, Liverpool; (Assuan) 370 dms, Yokohama; 18 cs, 139 dms, Kobe; 570 dms, Osaka; 6,890 dms, Hongkong; 403 bbls, 573 tons, Frankfurt, Hamburg; 8 dms, Tivives, Mollendo
PINE—8 dms, Mongioia, Genoa; 25 dms, Vinni, Kobe; 50 dms, Assuan, Osaka; 5 dms, Tivives, Havana
REFINED—540 cs, 10 dms, Gansfjord, Puerto Barrios
PARAFFIN—306 sks, Mongioia, Genoa; 445 sks, Frankfurt, Hamburg
PETROLEUM—138 bbls, Frankfurt, Hamburg
CRUDE—17 dms, Assuan, Yokohama
PINETAR—(Erlangen) 10 tons, Sydney; 21 tons, Melbourne; 19 tons, Sahale, Liverpool
ROSIN—(Vinni) 128 bbls, Yokohama; 120 bbls, Osaka; (San Bruno) 115 dms, Buenaventura; 160 bbls, Guayaquil; 5 dms, Gansfjord, Santiago; (Tivives) 50 dms, Buenaventura; 100 bbls, Guayaquil
WOOD—50 dms, Assuan, Osaka; 10 dms, San Bruno, Puerto Colombia; (Tivives) 210 dms, Havana; 25 dms, Santa Marta
SALT—25 tons, Gansfjord, Belize; 2 tons, Santa Marta, Puerto Barrios; 65 tons, Tivives, Havana
SOAP—600 ctns, Baja California, Bluefields
SULPHUR—1,500 tons, Erlangen, Newcastle
TOBACCO EXTRACT—86 bbls, Frankfurt, Bremen; (Frankenwald) 14 tons, Bremen; 1 ton, Bremen-Hamburg transshipment
TURPENTINE—68 dms, 30 cs, Tivives, Havana
WOOD—500 cs, Tivives, Cristobal

Norfolk Exports

Clearance Dates

City of Havre, November 19; City of Norfolk, November 13; Ensley City, November 18; Greystoke Castle, November 20; Hammaren, November 16; Manchester Division, November 17; Northern Sword, November 22

ACETONE, METHYL—80 dms, 35,124 lbs, City of Havre, London
BLUE, ULTRAMARINE—2 bbls, Greystoke Castle, Manila
CEMENT, LINOLEUM—1 bx, 53 lbs, Northern Sword, Trinidad
CLAY—1,600 bgs, 80,800 lbs, City of Norfolk, London
CLEANER, DRY—5 cs, City of Norfolk, Havre
DENTIFRICES—1 ctn, 39 lbs, Northern Sword, Trinidad
DRUGS—2 bls, 446 lbs, City of Norfolk, Hamburg
GINSENG ROOT, WILD—1 bx, 10 lbs, City of Norfolk, Hamburg
GOLDEN SEAL ROOT—2 bgs, City of Havre, Hamburg
INSECTICIDE—6 cs, City of Norfolk, Havre
LARD—100 bxs, 6,250 lbs, City of Norfolk, London
METHYL CHLORIDE—3 cyls, 270 lbs, Ensley City, Karachi
METHYLENE CHLORIDE—10 dms, City of Norfolk, London
MICA—(City of Norfolk) 50 bgs, 5,000 lbs, Hamburg; 45 bgs, 4,550 lbs, Havre
NAPHTHALENE, FLAKE—1 bx, 39 lbs, Northern Sword, Trinidad

OIL, COOKING—8 bxs, 456 lbs, Northern Sword, Trinidad
LINSEED—1 bx, 95 lbs, Northern Sword, Trinidad
POLISHING COMPOUND, LIQ—16 bxs, 1,280 lbs, Northern Sword, Trinidad
POTASH MURIATE—500 bgs, 112,000 lbs, Northern Sword, Bridgetown; 1,000 bgs, 98 tons, Hammaren, Gothenburg
SOAP, FLAKE—1 ctn, 41 lbs, Northern Sword, Trinidad
LAUNDRY—50 bxs, 14 ctns, 4,714 lbs, Northern Sword, Trinidad
POWDER—25 bxs, 1,625 lbs, Northern Sword, Trinidad
TOILET—9 ctns, 236 lbs, Northern Sword, Trinidad
SODA, NITRATE—4,000 bgs, 440,920 lbs, Northern Sword, Guadeloupe
SOYBEAN MEAL—300 bgs, 35,000 lbs, Northern Sword, Bridgetown
STARCH—1,760 bgs, 168,160 lbs, City of Havre, London
TANNING EXTRACT—(City of Norfolk) 25 bbls, 15,208 lbs, London; 1 cs, 153 lbs, Hamburg; 1,000 bbls, 598,912 lbs, Manchester Division, Liverpool
VARNISH—4 bxs, 292 lbs, Northern Sword, Trinidad
WILD CHERRY BARK—2 bls, 998 lbs, Manchester Division, Liverpool

Philadelphia Exports
Clearance Dates

Atalaia, November 24; Barbarigo, November 20; Estrella, November 20; Excello, November 23; Halizones, November 23; Hallaren, November 24; Koenigsberg, November 23; Manchester Producer, November 22; Nasmyth, November 25; Peter Kerr, November 20; Sanyo Maru, November 19; Scanstates, November 22; Schodack, November 20; Skramstad, November 22; West Cusseta, November 24; Yomachichi, November 22

ACETONE — 62 pkgs, Manchester Producer, Manchester; (Yomachichi) 12 dms, Sydney; 6 dms, Adelaide
ACID, PHOSPHORIC — 40 bbls, Nasmyth, Buenos Aires
ALCOHOL, BUTYL—12 dms, Yomachichi, Sydney
ANTI KNOCK COMP—16 dms, Estrella, Marseilles; 10 dms, Excello, Algiers
APPLE POMACE—517 bgs, Koenigsberg, Hamburg
ASBESTOS — 5 pkgs, Manchester Producer, Manchester
ASPHALT—1 bbl, 1 pl, Atalaia, Santos
BARIUM SULPHATE — 12 pkgs, Manchester Producer, Manchester
BENZOL—50 dms, Nasmyth, Buenos Aires
BLACK, BONE—(Scanstates) 10 bgs, Gothenburg; 14 bgs, Helsingfors; (Yomachichi) 2 dms, Sydney; 3 dms, 6 bgs, Melbourne; 55 bgs, Halizones, East London; 3 bgs, West Cusseta, Bombay
BUTYL ACETATE—28 dms, Scanstates, Stockholm; (Yomachichi) 59 dms, Sydney; 30 dms, Wellington
CLEANER — 1 ctn, Peter Kerr, Panama; 15 pkgs, Manchester Producer, Liverpool
COCOA BUTTER—11 cs, Sanyo Maru, Tokio
CYANIDE, CRUDE—3 dms, Yomachichi, Melbourne
DISINFECTANT—14 dms, 14 ctns, Peter Kerr, Panama
DYEWOOD EXTRACT—(Nasmyth) 7 bbls, Santos; 14 bbls, 20 bxs, Rio de Janeiro
ETHYL FLUID—(Schodack) 64 dms, Havre; 19 dms, Bordeaux; 34 dms, Estrella, Marseilles; 10 dms, Koenigsberg, Bremen
FILTER SAND—5 bgs, West Cusseta, Karachi
FLY SPRAY CONC—10 dms, Atalaia, Rio de Janeiro
GASOLINE—1 pkg, Barbarigo, Bos Brod; 1 bx, Schodack, Havre; 1,500 bbls, Halizones, Beira; (Atalaia) 2,000 cs, Rio de Janeiro; 2,000 cs, Victoria; 14,300 cs, Santos
GREASE, LUBRICATING—(Peter Kerr) 5 qtr dms, Mollendo; 13 dms, Valparaiso; 9 bbls, 1 cs, Schodack, Havre; (Scanstates) 6 dms, 4 kgs, 25 pls, 1 cs, Gothenburg; 9 dms, 58 pkgs; 12 cs, Copenhagen; 4 bbls, 9 dms, 2 bxs, 4 cs, Helsingfors; 5 bbls, Estrella, Lisbon; 22 pkgs, Manchester Producer, Liverpool: (Yomachichi) 5 dms, Sydney; 2 dms, Melbourne; 1 dm, 6½ dms, 20 cs, Fremantle; 2 bxs, Hallaren, Stockholm; (Halizones) 110 bkts, 5 cs, Capetown; 60 cs, 35 bkts, Port Elizabeth; 10 bkts, 20 cs, East London; 75 dms, 31 cs, 5 bkts, Durban; 30 dms, 15 bkts; 1 cs, Lourenco Marques; 42 dms, 1 cs, West Cusseta, Bombay; (Atalaia) 20 bbls, Rio de Janeiro; 20 dms, 8 bbls, 40 bkts, 20 cs, Santos
INK, MARKING—1 bx, Yomachichi, Melbourne
WRITING—19 ctns, West Cusseta, Calcutta
INSECTICIDE — (Peter Kerr) 2 dms, 14 ctns, Panama; 9 pkgs, 2 dms, Salaverry; 1 dm, Yomachichi, Melbourne; 150 cs, Halizones, Lourenco Marques
KEROSENE — (Atalaia) 4,000 cs, Rio de Janeiro; 1,000 cs, Victoria; 1,321 cs, Santos
LICORICE EXTRACT — 50 pkgs, Manchester Producer, Manchester
PASTE—(Scanstates) 10 cs, Copenhagen; 5 cs, Gothenburg; 110 pkgs, Manchester Producer, Liverpool
LINSEED CAKE — 2,472 bgs, Schodack, Havre; 640 bgs, Hallaren, Gothenburg, or option
MEAL—7,308 bgs, Schodack, Havre
LOGWOOD EXTRACT—7 bbls, Estrella, Marseilles
MEDICINAL PREPS — (West Cusseta) 3 cs, Lahone; 19 cs, Calcutta; 1 cs, Patna
MINERAL SPTS — (Halizones) 20 cs, Capetown; 25 bbls, East London; 200 bbls, Durban; 10 cs, Lourenco Marques; 30 cs, Beira; (Atalaia) 4,000 cs, Rio de Janeiro; 200 cs, Paranagua; 2,001 cs, Santos
MONOCHLOROBENZENE — 1 bx, Estrella, Lisbon
NAPHTHA — 2 pkgs, Manchester Producer, Liverpool
NITROCELLULOSE — 266 pkgs, Manchester Producer, Liverpool
OIL, COALTAR—11 dms, Schodack, Havre
CODLIVER—1 dm, Peter Kerr, Panama City
CRUDE — 12 dms, Atalaia, Santos
FUEL—100 bbls, Halizones, Beira
ILLUMINATING—(Halizones) 3,000 cs, Durban; 1,850 cs, Lourenco Marques; 500 cs, Beira; 5,000 cs, Atalaia, Santos
LUBRICATING—(Sanyo) 10 dms, Yokohama; 40 dms, Osaka; 10 dms, Moji; (Barbarigo) 27 pkgs, Zemum; 2 pkgs, Bos Brod; 165 cs, 10 dms, Durazzio; (Peter Kerr) 43 dms, Guayaquil; 7 dms, 5 qtr dms, Mollendo; 61 bbls, Callao; 10 dms, Huacho; 11 dms, Chimbote; 5 dms, Pisco; 38 dms, Talcahuano; 172 dms, Valparaiso; 50 ctns, 6 dms, Barranquilla; (Schodack) 647 bbls, 2 bxs, Havre; 132 bbls, Bordeaux; (Scanstates) 230 ctns, 30 dms, 1 bx, Gothenburg; 150 bbls, 65 dms, Helsingfors; (Estrella) 301 bbls, 11 dms, 892 cs, Lisbon; 29 bbls, 397 cs, Leixoes; 10 bbls, Oporto; 15 pkgs, Diolol; 20 pkgs, San Thome; 36 pkgs, Mossamedes; 20 pkgs, Porto Amboin; 102 pkgs, Benguela; 13 pkgs, Novo Redondo; 45 bbls, 10 dms, 10 bxs, Marseilles; 10 dms, Saigon; 66 ctns, 22 dms, 2 cs, 1,416 pkgs, Casablanca; 18 dms, 11 cs, Gibraltar; 400 pkgs, Skramstad, Genoa; (Manchester Producer) 186 pkgs, Manchester; 83 pkgs, Liverpool; 1,853 pkgs, Birkenhead; (Yomachichi) 50 dms, 496 pkgs, Brisbane; 81 dms, 1 bx, 650 pkgs, Sydney; 41 dms, 1 bx, Melbourne; 442 pkgs, Adelaide; 74 dms, 36 porpaila, 618 pkgs, Fremantle; 27 pkgs, Townsville; 20 pkgs, Rockhampton; (Excello) 50 bbls, 7 pkgs, Oran; 2 pkgs, Algiers; 2 pkgs, Bona; 5 pkgs, Tunis; (Hallaren) 5 dms, Gothenburg; 4 dms, 18 bxs, Stockholm; (Halizones) 70 pkgs, Walvis Bay; 25 pkgs, Luderitz Bay; 535 dms, 165 cs, Capetown; 235 dms, 80 cs, Port Elizabeth; 135 dms, 30 cs, East London; 75 pkgs, Port Natal; 1,201 dms, 225 cs, Durban; 595 dms, 525 cs, Lourenco Marques; 170 dms, 25 cs, Beira; (Koenigsberg) 441 bbls, 1,277 pkgs, 1 cs, Hamburg; 40 pkgs, Bremen; (West Cusseta) 160 dms, Karachi; 1,071 dms, 1 cs, Bombay; 65 dms, Madras; 690 dms, Calcutta; (Atalaia) 396 dms, 345 cs, 235 ctns, Rio de Janeiro; 15 dms, 8 cs, Victoria, 178 bbls, 315 dms, 510 cs, 380 ctns, 5 bkts, Santos; (Nasmyth) 114 cs, 6 bbls, Aracaju; 221 bbls, 82 dms, 2,343 cs, Santos; 120 dms, Rio de Janeiro; 580 cs, Montevideo; 5 bbls, Buenos Aires
NEATSFOOT—6 bbls, Estrella, Marseilles; 8 dms, Hallaren, Abo; 33 bbls, Koenigsberg, Hamburg
TRANSFORMER — 20 cs, Atalaia, Rio de Janeiro
PAINT — (Peter Kerr) 2 dms, Cristobal; 3 ctns, Panama
PARAFFIN — 153 bgs, 125 bbls, Barbarigo, Trieste; 530 bgs, Peter Kerr, Guayaquill; (Estrella) 200 bgs, Leixoes; 50 bgs, Haiphong; 591 bgs, Manchester Producer, Liverpool; 2,490 bbls, 250 bgs, Hallaren, Gothenburg; 4 bbls, 124 pkgs, Koenigsberg, Hamburg; (Atalaia) 121 bbls, Rio de Janeiro; 66 bbls, Santos
REFINED—31 bgs, Koenigsberg, Bremen; 70 ctns, Atalaia, Santos
POLISH, AUTO — 1 pl, West Cusseta, Bombay
QUERCITRON BARK — 10 pkgs, Manchester Producer, Liverpool
RESIN, COALTAR—5 dms, Schodack, Havre; 15 dms, Scanstates, Gothenburg
RUST PROOFING COMP—1 crby, Nasmyth, Buenos Aires
SOAP—2 cs, Peter Kerr, Panama; 300 pkgs, Manchester Producer, Liverpool
LIQUID—2 dms, Peter Kerr, Panama
SADDLE — 22 pcs, Peter Kerr, Panama
SODA, ASH — (Scanstates) 1 dm, Gothenburg; 5 dms, 1 bg, Helsingfors; (Yomachichi) 1 dm, Sydney; 1 dm, Melbourne
CYANIDE—15 dms, Scanstates, Helsingfors
TANNING COMP—10 bbls, Koenigsberg, Hamburg
MATERIAL—9 bbls, Yomachichi, Sydney
TOILET PREPS—(Halizones) 1 cs, Kimberley; 1 cs, Kroomstad; 1 cs, Potchefstroom
VALVE GRINDING COMP — 1 ctn, Peter Kerr, Panama
VARNISH—1 can, Scanstates, Gothenburg
WAX, FLOOR—2 ctns, Peter Kerr, Panama

Port Arthur Exports
Clearance Dates

Adria, November 19; Belgian Gulf, November 15; Benedick, November 14; Davanger, Nov. 13; Dungannon, November 16; Lunula, November 14; Polykarp, November 17; Velma Lykes, November 15; Sangro, November 18; Steaua Romana, November 15; Weirbank, November 12

ASPHALT—(Weirbank) 2,975 dms, 35 cs, Capetown; 2,000 dms, Port Elizabeth; 10 cs, East London; 650 dms, 10 cs, Durban; 850 dms, 25 cs, Beira; 130 dms, 10 bbls, Lunula, Amsterdam; (Velma Lykes) 1,605 dms, 14 bbls, San Juan; 2 cs, Aguadilla
LIQUID—(Weirbank) 20 cs, Capetown; 20 cs, Port Elizabeth
PETROLEUM—2 cs, Velma Lykes; Arecibo
BENZOL—5,505 bbls, Polykarp, Havre
GASOLINE—(Weirbank) 200 cs, Port Elizabeth; 300 cs, Durban; 2,000 cs, Lourenco Marques; 13,000 cs, Beira; 36,526 bbls, Lunula, Amsterdam; 74,457 bbls, Polykarp, Bordeaux
GREASE, LUBRICATING—(Weirbank) 90 dms, 95 cs, 50 pls, Capetown; 105 dms, 215 cs, Port Elizabeth; 140 cs, 60 pls, East London; 145 dms, 285 cs, 40 pls, Durban; 926 dms, 800 cs, 285 pls, Lourenco Marques; 1,440 dms, 450 cs, 200 pls, Beira; 187 dms, 217 cs, Lunula, Amsterdam; (Velma Lykes) 4 dms, Guayanilla; 55 dms, 38 cs, San Juan; 5 dms, 5 pls, Arecibo; 2 dms, 3 cs, Aguadilla; 2 cs, Mayaguez; 951 dms, 308 bbls, Dungannon, Coruna
KEROSENE—(Weirbank) 6,000 cs, Lourenco Marques; 17,500 cs, 50 dms, Beira; 35,337 bbls, Lunula, Amsterdam; (Velma Lykes) 100 cs, Fajardo; 1,400 cs, Ponce; 1,500 cs, San Juan; 910 cs, Arecibo; 800 cs, Aguadilla; 1,000 cs, Mayaguez
OIL, DIESEL—(Weirbank) 500 dms, Port Elizabeth; 7,247 bbls, Capetown-Port Elizabeth - East London - Durban - Beira-Mombasa; 500 dms, Beira
GAS—63,650 bbls, Dungannon, Coruna
FUEL—3,080 bbls, Belgian Gulf, Antwerp; 51,980 bbls, Steaua Romana, Naples-Genoa; 50,043 bbls, Sangro, Santa Cruz de Tenerriffe
LUBRICATING—(Weirbank) 1,970 dms, 3,341 cs, Capetown; 950 dms, 2,443 cs, Port Elizabeth; 1,400 dms, 2,037 cs, East London; 2,250 dms, 2,850 cs, Durban; 3,820 dms, 7,080 cs, Lourenco Marques; 2,630 dms, 2,095 cs, Beira; 52 bbls, 100 dms, 60 cs, Lunula, Amsterdam; 22,509 bbls, 331 dms, Belgian Gulf, Antwerp; (Velma Lykes) 2 dms, 14 cs, Fajardo; 34 dms, Guayanilla; 35 dms, 57 cs, Ponce; 197 dms, 105 cs, San Juan; 3 dms, 11 cs, Arecibo; 14 dms, 20 cs, Aguadilla; 6 dms, 2 cs, Mayaguez
PETROLEUM, CRUDE—77,073 bbls, Davanger, Montreal; 77,106 bbls, Benedick, Bordeaux; 69,421 bbls, Adria, Brake
SOLVENT, PAINT—(Weirbank) 65 dms, 300 cs, Capetown; 10 dms, 25 cs, Port Elizabeth; 50 dms, 10 cs, East London; 60 dms, 100 cs, Durban; 100 dms, 200 cs, Lourenco Marques; 40 dms, Beira; 6 bbls, 10 cs, Velma Lykes, San Juan
WAX—2 bbls, Lunula, Amsterdam; 120 bgs, Dungannon, Coruna; 53 bgs, Weirbank, Port Elizabeth
DRESSING—2 cs, Velma Lykes, Mayaguez

San Francisco Exports
Clearance Dates

Antietam, November 8; Bralanta, November 9; Beranger, November 6; Erria, November 10; Hardanger, November 8; Havkong, November 9; Monterey, November 8; Otowasan, November 12; Pacific President, November 12; Pacific Reliance, November 10; Pennsylvania, November 6; President Polk, November 10; Rosebank, November 6; Santa Paula, November 12; Silverguava, November 10; Talamanca, November 5

ACETONE—30 dms, Silverguava, Java; 2 cs, President Polk, Hongkong
ACID, BORIC—5 sks, Monterey, Australia; 5 dms, President Polk, Hongkong
CRESYLIC—1 cs, Monterey, Australia
TARTARIC—1 kg, President Polk, Manila
ALBUMEN, DRY—11 cs, Pennsylvania, Havana
ALCOHOL—1 cs, Monterey, Fiji Islands
ALUMINUM LEAF—1 cs, Rosebank, Vancouver
PASTE—2 cs, Rosebank, Vancouver
AMMONIA SULPHATE—15,000 sks, Silverguava, Manila
APRICOT KERNELS—(Beranger) 25 sks, France; 50 sks, Netherlands; 75 sks, Holland; (Erria) 50 sks, Sweden; 150 sks, London; 25 sks, Amsterdam; 50 sks, Malmo
ASPHALT—6 bbls, Rosebank, Vancouver; 145 dms, Monterey, Australia; (Silverguava) 4,398 dms, Philippine Islands; 3,056 dms, India; 729 dms, Sourabaya; 20 dms, Java; 22 cs, Pacific Reliance, London; (President Polk) 268 bbls, Singapore; 100 dms, Manila
CRUDE—300 sks, Monterey, Australia; (President Polk) 10 sks, Hongkong; 45 sks, Osaka
GILSONITE—21 sks, Silverguava, India; (Erria) 297 sks, Gothenburg; 62 sks, Copenhagen; (President Polk) 10 sks, Hongkong; 45 sks, Osaka
BIOLOGICALS—1 cs, President Polk, Hongkong; 1 cs, Monterey, Australia
BITURENE, SOL—4 dms, President Polk, Bahrein
BLUE, LAUNDRY—50 cs, President Polk, Manila
BRAKE FLUID—(Monterey) 1 cs, New Zealand; 1 cs, Samoa
BRONZE POWDER—1 cs, Rosebank, Vancouver
CALCIMINE—47 bbls, Santa Paula, Caracas
CALCIUM CHLORIDE—2 dms, Santa Paula, Guatemala
CARBON, DECOLORIZING—6 cs, Monterey, Australia; 5 cs, President, Manila; 1 cs, Santa Paula, Mazatlan
CEMENT, METALLIC—3 cs, Rosebank, Vancouver
CHARCOAL—2 cs, President Polk, Hongkong
CHEMICALS—(Monterey) 1 cs, Australia; 1 cs, Fiji Islands; (President Polk) 1 dm, Bahrein; 1 cs, Rizal; 3 cs, Manila
CINNAMIC ALDEHYDE—5 oz, Monterey, Australia
CINNAMON—3 sks, Talamanca, Limon; 26 bls, Santa Paula, San Jose de Guatemala
CLEANER, BOILER—1 dm, Santa Paula, Balboa
LIQUID—1 cs, Monterey, Australia
SHOE—1 cs, President Polk, Singapore
CLOVES—2 sks, Santa Paula, Puerto Colombia
COALTAR—4 dms, Santa Paula, Mazatlan
COLOR, DRY—16 bbls, Monterey, Australia; 17 sks, President Polk, Osaka; 20 kgs, Santa Paula, Caracas
CREAM TARTAR — 13 kgs, President Polk, Manila
CUTTLEFISH BONE—3 cs, Rosebank, Vancouver; 1 cs, Santa Paula, Puerto Colombia
DENTIFRICES—1 cs, Monterey, Australia; 17 cs, Silverguava, Sumatra
DISINFECTANT—2 cs, President Polk, Manila
DRESSING, LEATHER — 1 cs, Silverguava, Philippine Islands
ENAMEL — 5 pls, Monterey, New Zealand; (Santa Paula) 9 cs, Navojos; 15 pls, Mazatlan
EPSOM SALT—1 cs, President Polk, Hongkong
FERTILIZER—30 sks, Santa Paula, San Jose de Guatemala
FLUX COMP—1 keg, Silverguava, Philippine Islands
FLY SPRAY—7 cs, President Polk, Bombay
GASOLINE—89,644 bbls, Havkong, Brisbane-Sydney-Melbourne-Adelaide-Freemantle
AVIATION—500 dms, Silverguava, Philippine Islands
GLUCOSE—60 bbls, President Polk, Manila
GLYCERIN—200 cs, Silverguava, Philippine Islands; 1 dm, President Polk, Hongkong
GREASE, LUBRICATING—20 cs, Talamanca, Cristobal; 104 bbls, 7 cs, 95 pls, Rosebank, Vancouver; 60 dms, Monterey, Australia; (Silverguava) 8 cs, Philippine Islands; 80 dms, Australia; (President Polk) 20 dms, Hongkong; 50 dms, Tientsin; (Santa Paula) 20 dms, 30 pls, Cali; 15 pls, San Jose de Guatemala
GUM, PINE, WHITE—1 cs, Monterey, Australia
SYNTHETIC COMPOUND—28 dms, Monterey, Australia
TRAGACANTH—3 bbls, Monterey, Australia
VARNISH—3 sks, Pacific President, Vancouver
GYPSUM—4 cs, President Polk, Hongkong
HYDROGEN, PEROXIDE—34 cs, 1 bbl, Rosebank, Vancouver; 44 cs, Monterey, New Zealand
INK, MARKING—2 cs, Silverguava, Philippine Islands
PRINTING—(Rosebank) 6 dms, Victoria; 1 dm, 7 kegs, 4 bbls, 32 pls, 1 cs, Vancouver; (President Polk) 6 dms, Hongkong; 5 dms, 27 pls, 7 cs, Manila
WRITING—100 cs, President Polk, Penang
INSECTICIDE—13 cs, Pennsylvania, Havana; (Santa Paula) 2 cs, Cartagena; 3 bbls, Cali; 14 cs, Panama
IODINE—2 cs, President Polk, Hongkong
IRON CHLORIDE — 10 crbys, Silverguava, Philippine Islands
KEROSENE — 250 cs, Talamanca, Puerto Armuelles; 13,199 bbls, Havkong, Brisbane - Sydney - Melbourne-Adelaide-Freemantle
POWER — 19,325 bbls, Havkong, Brisbane-Sydney-Melbourne-Adelaide-Freemantle
LACQUER—4 cs, Talamanca, Lima; 4 cs, 17 pls, Monterey, New Zealand; 1 cs, Silverguava, Philippine Islands
THINNER—2 cs, Talamanca, Lima; 20 dms, Silverguava, Philippine Islands
LIGHTER FLUID — 45 cs, Rosebank, Vancouver; 5 cs, Silverguava, Philippine Islands
LINING COMP—4 dms, Monterey, New Zealand
LITHOPONE—6 bbls, Monterey, New Zealand
LUBRICANT—1 cs, Erria, Copenhagen
LYE—10 cs, Santa Paula, Mazatlan
MAGNESIA HYDROXIDE—1 dm, Rosebank, Vancouver
SULPHATE—2 cs, President Polk, Hongkong
MEDICINAL PREPS—2 cs, Monterey, Australia; 1 cs, Silverguava, Philippine Islands; (Santa Paula) 1 cs, San Jose de Guatemala; 1 cs, Port of Spain; 8 cs, Kingston
MILK SUGAR—280 bbls, Pacific Reliance, London
NITROUS OXIDE—2 cs, President Polk, Hongkong; 13 crts, Monterey, Australia
OAK EXTRACT—20 sks, Rosebank, Vancouver
OIL, ANILIN—1 cs, Rosebank, Vancouver
BATCHING—6,956 bbls, Silverguava, India
CAMPHOR, LIGHT—1 cs, Monterey, Australia
CHINAWOOD—54 dms, Hardanger, Argentine
COCONUT—18 bbls, Monterey, New Zealand
DIESEL—511 bbls, Talamanca, Puerto Armuelles; 22,613 bbls, Bralanta, Osaka
DILL—1 cs, Santa Paula, Guatemala
ESSENTIAL—3 cs, Monterey, Australia
FISH, HYDROGENATED—1 dm, Talamanca, Panama
FLOTATION—2 dms, Rosebank, Vancouver
FUEL—40,000 bbls, Antietam, Vancouver; 26,040 bbls, Bralanta, Osaka
LUBRICATING—107 dms, Rosebank, Vancouver; (Monterey) 60 dms, New Zealand; 1,300 dms, Australia; 1 cs, Fiji Islands; 1 cs, New Guinea; (Silverguava) 400 dms, Philippine Islands; 104 dms, 1 cs, Java; 1,465 dms, India; 650 dms, Australia; 50 dms, Straits Settlements; 130 dms, Erria, Holland; (President Polk) 75 dms, Bombay; 55 dms, 1 cs, Hongkong; 75 dms, Karachi; 825 dms, 2 cs, Singapore; 970 dms, Penang; 200 dms, Colombo; 350 dms, Tientsin; (Santa Paula) 45 dms, Cali; 70 dms, 1 cs, San Jose de Guatemala
PUTTY—8 dms, Monterey, Australia
REFRIGERATOR — 1 dm, Monterey, Australia
PAINT—79 cs, Talamanca, Cali; (Monterey) 36 pls, 104 cs, New Zealand; 1 cs, Australia; 1 cs, Fiji Islands; 2 cs, Samoa; (Silverguava) 20 cs, Philippine Islands; 60 pls, 173 cs, India; 92 cs, 20 pls, Straits Settlements; 3 tons, President Polk, Manila; (Santa Paula) 14 cs, Panama; 1 cs, Caracas; 4 pls, Mazatlan
PASTE—60 pls, 9 cs, Silverguava, India
PREPARED—4 cs, Silverguava, India
THINNER—2 dms, Rosebank, Vancouver
PARAFFIN—22 sks, Rosebank, Vancouver
PEPPER — 3 sks, Talamanca, Limon; 1 sk, Santa Paula, San Jose de Guatemala
BLACK—2 sks, Santa Paula, San Jose de Guatemala
PERFUMERY—2 cs, Monterey, Australia
PETROLATUM—1 cs, President Polk, Hongkong
PETROLEUM—50 cs, Monterey, Australia; 1 cs, President Polk, Penang
CRUDE—75,761 bbls, Antietam, Shellburn; 56,612 bbls, Bralanta, Osaka; 75,885 bbls, Otowasan, Tokuyama
POLISH, AUTO—1 cs, Monterey, Samoa; 2 cs, Silverguava, India; 1 cs, President Polk, Penang; 1 cs, Santa Paula, Mazatlan
FURNITURE—6 cs, Silverguava, Philippine Islands
METAL—100 cs, Rosebank, Vancouver
STOVE—50 cs, Rosebank, Vancouver
POLISHING MATERIAL — 2 dms, 1 bbl, Monterey, New Zealand
POTASH XANTHATE — (Talamanca) 180 dms, Havana; 20 dms, Bolivia; 8 dms, Rosebank, Vancouver
QUININE — 6 cs, Silverguava, Philippine Islands
RESIN—9 bbls, Rosebank, Vancouver
SALT—528 tons, Rosebank, Vancouver; 2,000 cs, Monterey, Australia; 80 sks, President Polk, Manila
SARDINE MEAL — 1,018 sks, Erria, Rotterdam
SOAP—1 dm, Monterey, New Zealand; 4 dms, Santa Paula, Balboa
FLAKE—5 cs, President Polk, Hongkong; 4 cs, Santa Paula, San Jose de Guatemala
LAUNDRY—1,500 cs, President Polk, Manila
POWDER—3 cs, Silverguava, Philippine Islands
SCOURING—2 cs, Monterey, Fiji Islands
TOILET—(President Polk) 30 cs, Dairen; 2 cs, Hongkong
SODA—(President Polk) 11 cs, Singapore; 5 cs, Hongkong
BICARBONATE — 2 cs, Monterey, New Zealand; 4 dms, President Polk, Hongkong
CAUSTIC—10 kgs, Monterey, New Zealand; 10 dms, Santa Paula, San Jose de Guatemala
CHLORIDE—2 cs, President Polk, Hongkong
SAL—120 sks, Rosebank, Vancouver
SILICATE—23 bbls, 60 sks, 14 dms, Rosebank, Vancouver; 62 dms, Silverguava, Philippine Islands
XANTHATE—52 dms, Talamanca, Potosi; (Rosebank) 1 dm, Vancouver; 200 dms, Kimberley
SOLDER SALTS—1 dm, Monterey, New Zealand
SOLVENT, BATHROOM — 4 cs, Santa Paula, Mazatlan
DRAIN-PIPE — 6 cs, Rosebank, Vancouver
SULPHUR—20 sks, Rosebank, Vancouver
REFINED—(Monterey) 5 bbls, New Zealand; 500 sks, Australia
TALLOW—25 dms, Santa Paula, San Jose de Guatemala
TAPIOCA—2 sks, Santa Paula, Puerto Colombia
TOILET PREPS — (Monterey) 6 cs, New Zealand; 1 cs, New Guinea; 1 cs, Papua; 4 cs, Fiji Islands; (President Polk) 1 cs, Manila; 1 cs, Karachi; 2 cs, Bombay; 3 cs, Silverguava, Philippine Islands
TREE WASH—138 dms, 10 cs, Monterey, New Zealand
VARNISH—1 pl, Santa Paula, Mazatlan
WAX—2 cs, Silverguava, India
BEES—9 cs, Monterey, Australia
SPERMACETTI—2 cs, Monterey, Australia
WORMSEED—33 bbls, Monterey, Australia
ZINC DUST—191 dms, Silverguava, Philippine Islands; 50 cs, Santa Paula, Pisco
OXIDE—1 cs, President Polk, Hongkong

Savannah Exports
Clearance Dates

Capillo, November 21; Maylayan Prince, November 17; Port Darwin, November 19; Uddeholm, November 20

CLAY—200 bgs, Maylayan Prince, Manila
FULLER'S EARTH — 480 bgs, Uddeholm, Aarhus
GLUCOSE—(Uddeholm) 150 bbls, Oslo; 30 bbls, Trondhjem
OIL, PINE—(Port Darwin) 15 dms, Sydney; 17 dms, Melbourne; 12 dms, Fremantle; 11 dms, Adelaide; (Uddeholm) 5 dms, Gothenburg; 30 dms, Stockholm
ROSIN—4 dms, Capillo, Buenos Aires
PINETAR—105 dms, Port Darwin, Melbourne
ROSIN—224 bgs, Port Darwin, Melbourne
GUM—(Uddeholm) 359 bbls, Oslo; 2,100 bbls, Gothenburg; 105 bbls, Copenhagen; 300 bbls, Abo; 51 bbls, Riga; 100 bbls, Reval; 265 bbls, Gdynia; 130 lbs, Czechoslovakia; (Port Darwin) 353 bbls, Brisbane; 1,231 bbls, Sydney; 1,371 bbls, Melbourne; 70 bbls, Fremantle; 195 bbls, Adelaide; (Capillo) 910 bbls, Santos; 40 bbls, Montevideo; 460 bbls, 300 dms, Buenos Aires
SIZE—(Port Darwin) 448 bgs, Gothenburg; 1,120 bgs, Helsingfors; 1,120 bgs, Wiborg; 224 bgs, Kotka, 45 bgs, Raumo
WOOD—(Uddeholm) 50 dms, Oslo; 532 dms, Sarpsborg; 86 dms, Prague; (Port Darwin) 325 bbls, Sydney; 40 bbls, Melbourne; 700 dms, Capillo, Buenos Aires
STARCH—(Uddeholm) 78 bgs, Bergen; 275 bgs, Oslo
CORN—880 bgs, Maylayan Prince, Manila
TALC—20 bgs, Uddeholm, Stockholm
TURPENTINE, GUM—(Uddeholm) 50 dms, 25 bbls, Oslo; 35 dms, Gothenburg; 25 bbls, Malmo; 55 bbls, Stockholm; 250 bbls, Copenhagen; 37 bbls, Helsingfors; (Port Darwin) 25 cs, Perth; 10 dms, Dunedin; 25 pls, 105 cs, 105 dms, Adelaide; 486 cs, 55 pls, 128 dms, Fremantle; 1,300 cs, 246 dms, 30 pls, Sydney; 20 pls, 20 cs, Wellington; 35 dms, Lyttleton; 269 dms, 1,305 cs, 32 pls, Melbourne; (Capillo) 50 cs, Santos; 83 cs, Buenos Aires
WOOD—(Port Darwin) 275 pls, 6 dms, Brisbane; 100 pls, 50 cs, Sydney; 16 dms, 340 pls, Melbourne; 50 pls, Albany; 50 pls, Adelaide

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9—Devine and Buffalo Vacuum Shelf Dryers, assorted sizes.
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Tampa Exports

Clearance Dates

Cranford, November 22; General Tosta, November 18; Lady Slater, November 18; Vestvangen, November 11; Westmoreland, November 22

BAKING POWDER — 35 cs, Lady Slater, Georgetown
DRUGS—11 ctns, 9 cs, Lady Slater, Georgetown
DYE CONC—2 bbls, Vestvangen, Kingston
GAS—1 tank, General Tosta, Belize; 1 tank, Lady Slater, Georgetown
GASOLINE—2 dms, General Tosta, Belize; 109 dms, Lady Slater, Georgetown
KEROSENE—38 dms, Lady Slater, Georgetown
OIL, LUBRICATING — 1 dm, Lady Slater, Georgetown
PAINT—1 bx, General Tosta, Belize
PHOSPHATE — 3,157 tons, Cranford, Genoa; 1,932 tons, Westmoreland, Silesia via Hamburg-Harburg
SOAP, LAUNDRY—50 cs, Lady Slater, Georgetown
SODA, PHOSPHATE, TRI—1 kg, Vestvangen, Kingston
STARCH, CORN—9 ctns, Lady Slater, Georgetown
WAX, LIQ—5 dms, Vestvangen, Kingston
VEGETABLE—5 dms, Vestvangen, Kingston

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—5,204 bbls, Halsey, New York; 67,387 bbls, China Arrow, New York
OIL, FUEL—39,563 bbls, Bidwell, Carteret, N J
GAS—53,869 bbls, Halsey, New York
PETROLEUM, CRUDE—76,653 bbls, Dungannon, Port Arthur; 48,988 bbls, Dannedaike, Texas City; 57,127 bbls, Paco, Texas City; 108,365 bbls, James McGhee, Baytown; 109,958 bbls, E M Clark, Baytown; 76,403 bbls, Swiftlight, Port Arthur; 30,128 bbls, Bidwell, Carteret, N J; 75,543 bbls, Astral, New York; 111,460 bbls, W C Teagle, Baytown; 68,035 bbls, Paulsboro, Baytown; (Thermo) 46,781 bbls, Port Isabel; 50,034 bbls, Texas City; 77,207 bbls, Nevada, Port Arthur; 67,189 bbls, Beta, Texas City; 47,041 bbls, A C Bedford, Baytown; 28,519 bbls, Alabama, Port Arthur; 141,987 bbls, Charles G Black, Baytown; 66,130 bbls, Franklin K Lane, Baytown; 109,235 bbls, E T Bedford, Baytown

Galveston Coast Trade

SULPHUR—(Chincha) 1,650 tons, Port Angeles; 2,016 tons, Hoquiam; 939 tons, Seattle

Los Angeles Coast Trade

GASOLINE—32,884 bbls, Kewanee, San Francisco; 68,439 bbls, Mojave, Oakland; 8,069 bbls, San Diegan, San Diego; 74,246 bbls, Deroche, Oleum; 37,490 bbls, Edwin B de Golio, Seattle; 7,741 bbls, San Diegan, San Diego; 70,917 bbls, Utacarbon, Seattle
OIL, DIESEL—7,157 bbls, Mojave, Oakland
FUEL—66,528 bbls, La Brea, Seattle; 2,414 bbls, Coast Trader, Seattle; 2,739 bbls, Deroche, Oleum
SOLVENT, CLEANING—1,222 bbls, Utacarbon, Seattle

New Orleans Coast Trade

QUEBRACHO EXTRACT—500 bgs, Helen, Houston

San Francisco Coast Trade

ACID, TARTARIC—96 half bbls, Santa Paula, New York
APRICOT KERNELS—2 tons, Montanan, New York
ASPHALT — 400 dms, Dorothy Wintermote, Seattle
BONE MEAL—500 sks, Brookings, Portland, Ore
CHLORINE BLEACH, LIQ—567 cs, Coast Merchant, Bellingham
CORE COMPOUND — 65 dms, Santa Paula, New York
DRUGS—50 cs, Dakotan, Portland, Ore
FERTILIZER—32 tons, Celilo, Los Angeles
FIG PASTE—275 cs, Missourian, Seattle
GASOLINE—4,200 bbls, Charlie Watson, Los Angeles
GLAUBER'S SALT—235 pkgs, Brookings, Portland, Ore
HONEY—15 tons, Montanan, New York
KEROSENE—3,200 bbls, Charlie Watson, Los Angeles
LACQUER—1 cs, Missourian, Seattle
LARD SUBSTITUTE—50 dms, Dorothy Wintermote, Seattle
1,500 tins, President Hoover, Los Angeles
MAGNESITE — 11 tons, Robert Luckenbach, Boston
529 tons, Montanan, Philadelphia
MAGNESIA HYDROXIDE PASTE — 27 tons, Montanan, Port Newark
MATCHES — 719 cs, Dorothy Wintermote, Seattle
MILK POWDER — 16 tons, Montanan, New York
25 tons, Montanan, Philadelphia
25 tons, Montanan, Boston
OIL—300 cs, Dorothy Wintermote, Seattle
23 tons, Hegira, Newark
LUBRICATING — 72 dms, Dorothy Wintermote, Seattle
60 dms, Brookings, Portland, Ore
1,200 bbls, Charlie Watson, Los Angeles
18 tons, Celilo, Los Angeles
SARDINE — 115 dms, Dorothy Wintermote, Seattle
400 tons, Hegira, Bayway
PAINT—667 pkgs, Coast Merchant, Tacoma
605 pkgs, Brookings, Portland, Ore
26 tons, Celilo, Los Angeles
648 cs, 8 kgs, Missourian, Seattle
IN OIL—44 dms, Santa Paula, New York
QUICKSILVER—89 flks, Montanan, New York
SALT—3,523 sks, Dorothy Wintermote, Seattle
1,045 sks, Dorothy Wintermote, Tacoma
760 pkgs, Coast Merchant, Seattle
320 sks, Coast Merchant, Bellingham
500 pkgs, Brookings, Portland, Ore
SHELLAC—12 cs, Missourian, Seattle
SOAP—501 pkgs, Dorothy Wintermote, Seattle
18 tons, Celilo, Los Angeles
510 cs, Susan V Luckenbach, Tacoma
STEEL WOOL—9 cs, Missourian, Seattle
SULPHUR—15 tons, Forbes Hauptman, Brooklyn
TALLOW—35 tons, Montanan, New York
39 tons, Montanan, Port Newark
WAX—11 tons, Montanan, Boston
ZINC HYDROSULPHATE—19 tons, Montanan, Port Newark

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended December 1

Aloes, 34 cases; excessive alcohol insoluble residue.
Borax, 1 case; false therapeutic claims.
Carob beans, 312 bags; wormy.
Codliver oil, 250 drums; restricted use.
Codliver oil, 257 drums; contains substance not codliver oil.
Cod Oil, technical, 10 drums; restricted use.
Coriander seed; 350 bags; filthy.
Digitalis leaves, 38 cases; excessive moisture and acid insoluble ash.
Ephedrine hydrochloride, 2 cases; not U.S.P.
Eucalyptus oil, 5 drums; restricted use.
Flavoring preparation, 1 case; dangerous to health.
Medicinal preparations, 12 cases; false therapeutic claims.
Medicinal preparations, 1 case; false and misleading statements.
Ovary preparation, 1 case; deficient in declared potency.
Pollack liver oil, 60 drums; restricted use.
Pumpkin seeds, 1,040 bags; inedible.
Star anise, 220 bags; moldy.
Stramonium leaves, 104 bales; excessive acid insoluble ash.

Boston

Week Ended December 1

Medicinal preparation, 1 case; false therapeutic claims.

Buffalo

Week Ended December 1

Medicinal preparations, 4 cases; false therapeutic claims.

Customs Judges Nominated

WASHINGTON, Nov. 30, 1937.

President Roosevelt has nominated Joseph R. Jackson, New York, to be an associate judge of the U. S. Court of Customs and Patent Appeals, and also nominated Finis J. Garrett, an associate judge of that court, to be the presiding judge. The changes follow the recent death of Presiding Judge William J. Graham.

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